# The Land-Grant University Mission at

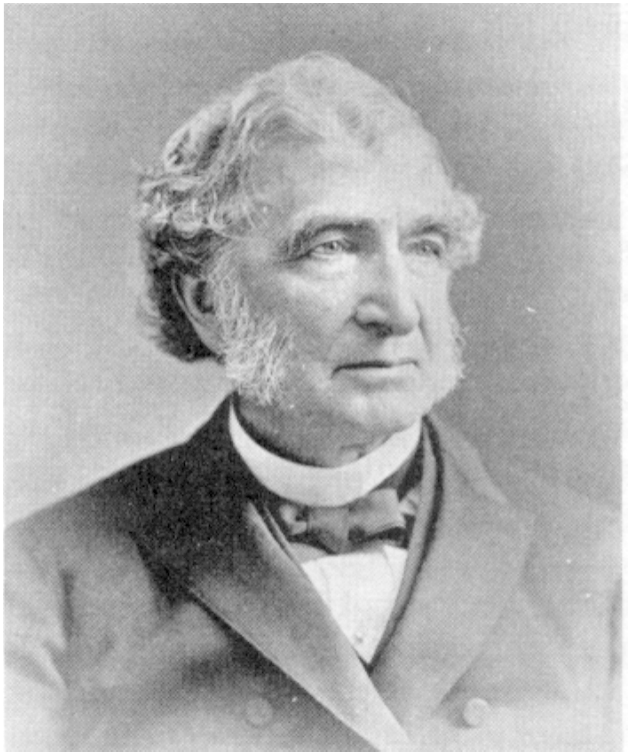
**Orientation - April 2012**

**Jan Auyong, OAES**

OSU
Oregon State
UNIVERSITY
Agricultural
Experiment Station

# Mission Areas: Research, Extension, and Academics

# Land Grant Colleges



- 1862
  - Morrill Land-Grant College Act
    - 30,000 acres/delegate
    - Support existing state college
    - 10% for experimental farm
- 1890
  - 2nd Morrill Act
    - $15,000/year to $25,000
    - Support land-grant colleges
    - No discrimination in admission (historically Black colleges)

# Morrill Land-Grant Acts of 1862 and 1890

Allowed for the creation of state land grant universities (LGU's) to teach:

- Agriculture
- Mechanic arts
- Home economics
- Military tactics

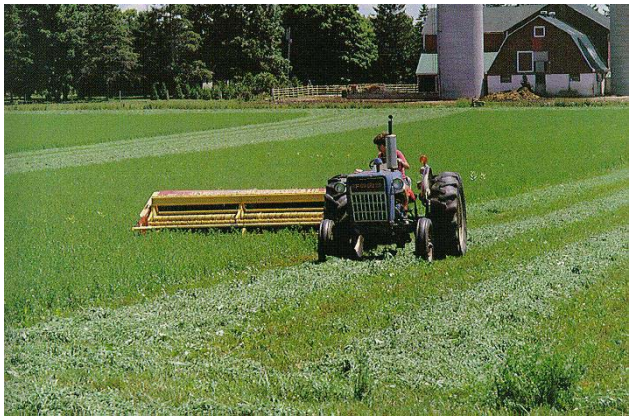
But not to the exclusion of classical studies, so that members of the working classes might obtain a practical college education.

# Agricultural Experiment Station

- 1887
  - Hatch Experiment Station Bill
    - $15,000/year
    - “to conduct original research or verify experiments …[on subjects] bearing directly upon the agricultural industry of the United States …”

# Hatch Act of 1887

- Expanded the mission of LGU's.
- Provided federal funds to states to:
  - establish a series of agricultural experiment stations under the direction of each state's land-grant university
  - pass along new information, especially in the areas of soil minerals and plant growth.



# Smith-Level Act of 1914

- Smith-Lever Agricultural Extension Act
  - $10,000/year
  - **State matching**
  - Entitlement determined by **proportion of rural residents**
- Model later used for AES funding as well

Created the Cooperative Extension Service

# Expanded Act of 1994

- Expanded the Land-Grant system to include Native American institutions (including Native Hawaiians as well)

Educational Endowment

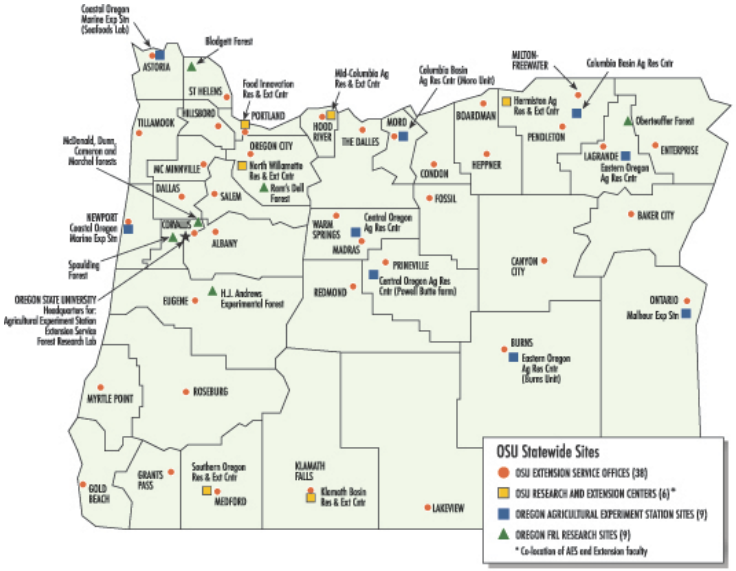
# Oregon's Agricultural Experiment Station

- OSU Charter Day, October 27, 1868; the first state support for higher education in Oregon.

- In **1871,** the Corvallis College Board of Trustees purchased a farm for $4,500 (with a house, barn and orchard), 34.85 acres in size, thereafter referred to as the Experimental Farm (and later as "Lower Campus"). Funding for the farm purchase came from more than 100 local citizens. No state money was involved in this purchase.

- **In 1888,** the Oregon Agricultural Experiment Station began research activities and was formally established in 1889; Edgar E. Grimm served as its first director (1889-1890).

# Oregon Agricultural Experiment Station




## Formula Grants Program

## * Background *

Each land-grant college receives annual Federal appropriations for research and extension work on the condition that those funds are matched 1:1 by state funds.

# Federal Partner: USDA/NIFA

U.S. Dept. of Agriculture's
National Institute for Food and Agriculture

NIFA requires approved Plans of Work and Annual Progress Reports to receive funding.

http://www.nifa.usda.gov/business/reporting/planreport/plansofwork.html

# Primary OAES Processes for NIFA Formula Grants

- Hatch Formula Grants
  - Regular and Integrated Projects
    - Plans Of Work (POW)
    - Annual Reports (AR)
  - Multistate Projects
- Animal Health and Disease Grants

# Other OAES Processes

- Proposal Processing/transmittal
- Research Resources/Reporting Webpages
- Orientation Activities, e.g., Tours, Training
- Safety Coordination
- Equipment Replacement Program
- Research Office Programs Facilitation
  - Building Use Credits
  - Equipment Replacement Fund

# Hatch Formula Funds Accountability

# Project content

**To Address:**

- NIFA Strategic Goals
- OSU Signature Areas of Distinction
- OAES Strategic and Signature Areas

# NIFA Challenge Areas

- Sustainable Energy
- Climate Change
- Childhood Obesity
- Food Safety
- Global Hunger, Access to Food

# CAS Signature Areas

- *Sustainable food and agricultural systems*
- *Environmental and human well-being*
- *Plant sciences and systems biology*
- *Natural resources stewardship*
- *Bioeconomy, bioproducts, biomaterials, and bioenergy*

# Types of OAES Hatch Projects

- **Collaborative (new, starting FFY13)**
- **Mega (**effective  FFY07**)**
- **Individual (**traditional**)**
- **Integrated** (requires planned research and extension activities minimally)
- **Multistate** (regional, multistate)

## Faculty Eligibility

Faculty with AES appointment (generally not emeritus)

## 5-year Workplans

Due within 6 months of appointment

Drop within 6 months of departure

Notification PROCESS Suggestions??

## Accounting

ORE00xxx -OAES project number, e.g., **ORE00359**

associated with

11xxx - program code (FOAPA element), e.g., **11359**

# Hatch Research Projects

## Collaborative and Mega Team Projects

- All tenure-track faculty with OAES appointment must submit a 5-year workplan within six months of appointment
- Annual progress reports required
  - via CRIS/REEport, Oregon Invests!, and SOARS (only those with extension appointments)
  - **Reporting requirements differ for faculty with <0.2 FTE**
  - Reporting requirements will change in FFY13

# Hatch Integrated Projects

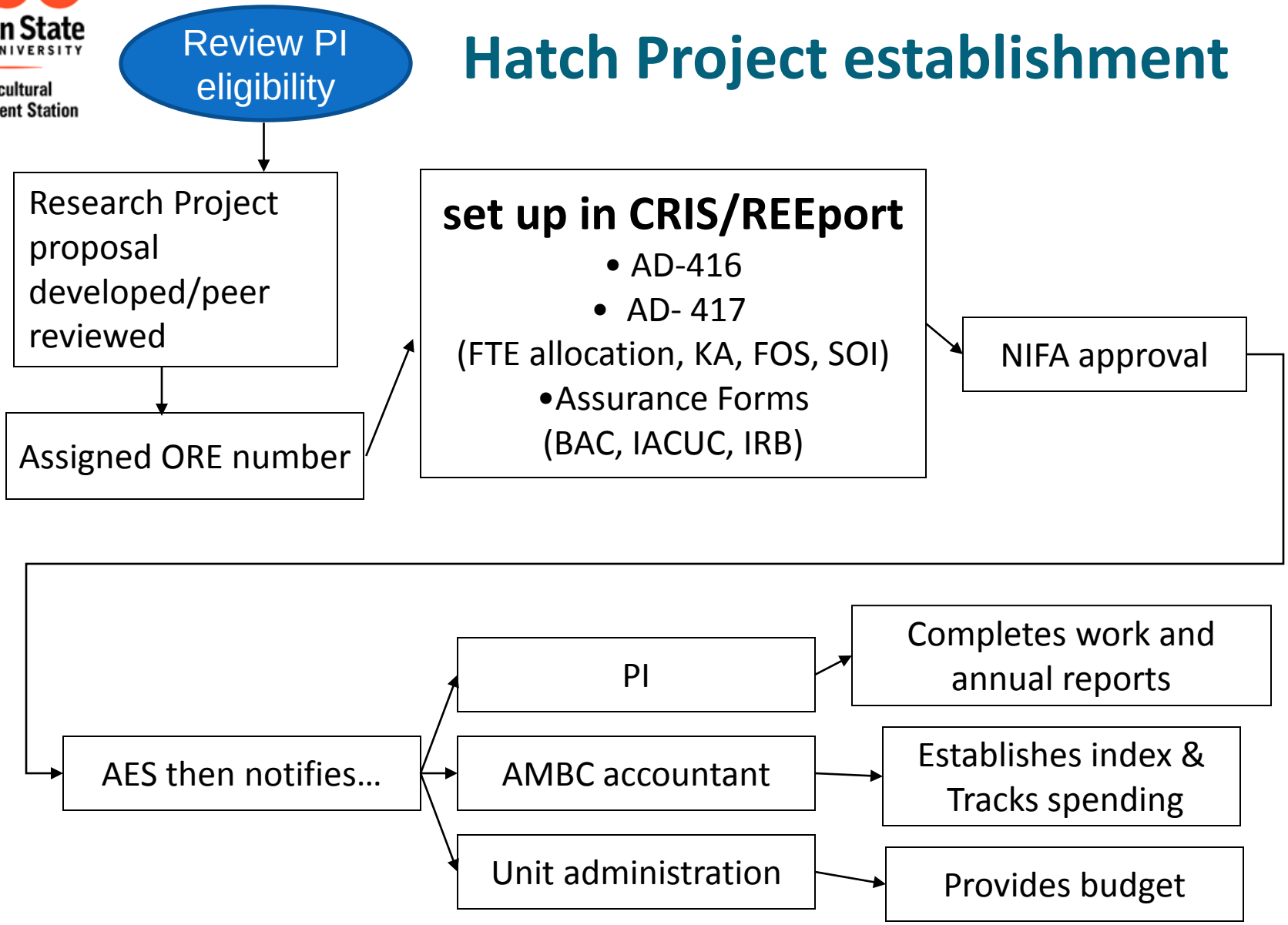
**A Collaborative or Mega Project**

- BUT projects must include more than one mission area

**Requirements**

- tenure-track faculty with OAES appointment
- some faculty must have extension fte
- 5-year workplans
- annual progress reports

# Hatch Project establishment



# POW and AR
# **Deadlines**

- Project reports to OAES (Nov - Dec)
- CRIS progress reports due at NIFA (Feb 1)
- New or revised POWs to OAES (Feb 1)
- Updated OAES composite POW and AR to NIFA (online by Mar 1, beginning 2013)
- Oregon Invests! Updated annually or biennially

# Multistate Projects

- Types of multistate projects
  - research (W-xxxx) – **requires state project and CRIS/REEport entry**
  - coordination (WCC-xxxx),
  - integrated projects (WERA-xxxx)
  - development (WDC-xxxx)
- Approved projects are listed on NIMSS (National Information Management and Support System)
- Scientist and unit representation

# OAES Multistate Projects

**Faculty eligibility to join:**

- Faculty with at least some AES fte
- Units may nominate investigators without professorial rank but nomination subject to Station approval
- Faculty transferring from other institutions may be allowed to continue their participation, including receipt of funds for multistate meeting travel, with concurrence of their OAES unit.
  - If not affiliated with OAES, we ask them to seek adjunct faculty status, but we cannot provide research funds
- NonAES faculty involved in regional projects can join multistate projects, e.g., Ron Reuter, COF/Cascades, adjunct CSS, PNW soils, but no funds are provided

# Multistate Projects

**Faculty eligibility (2):**

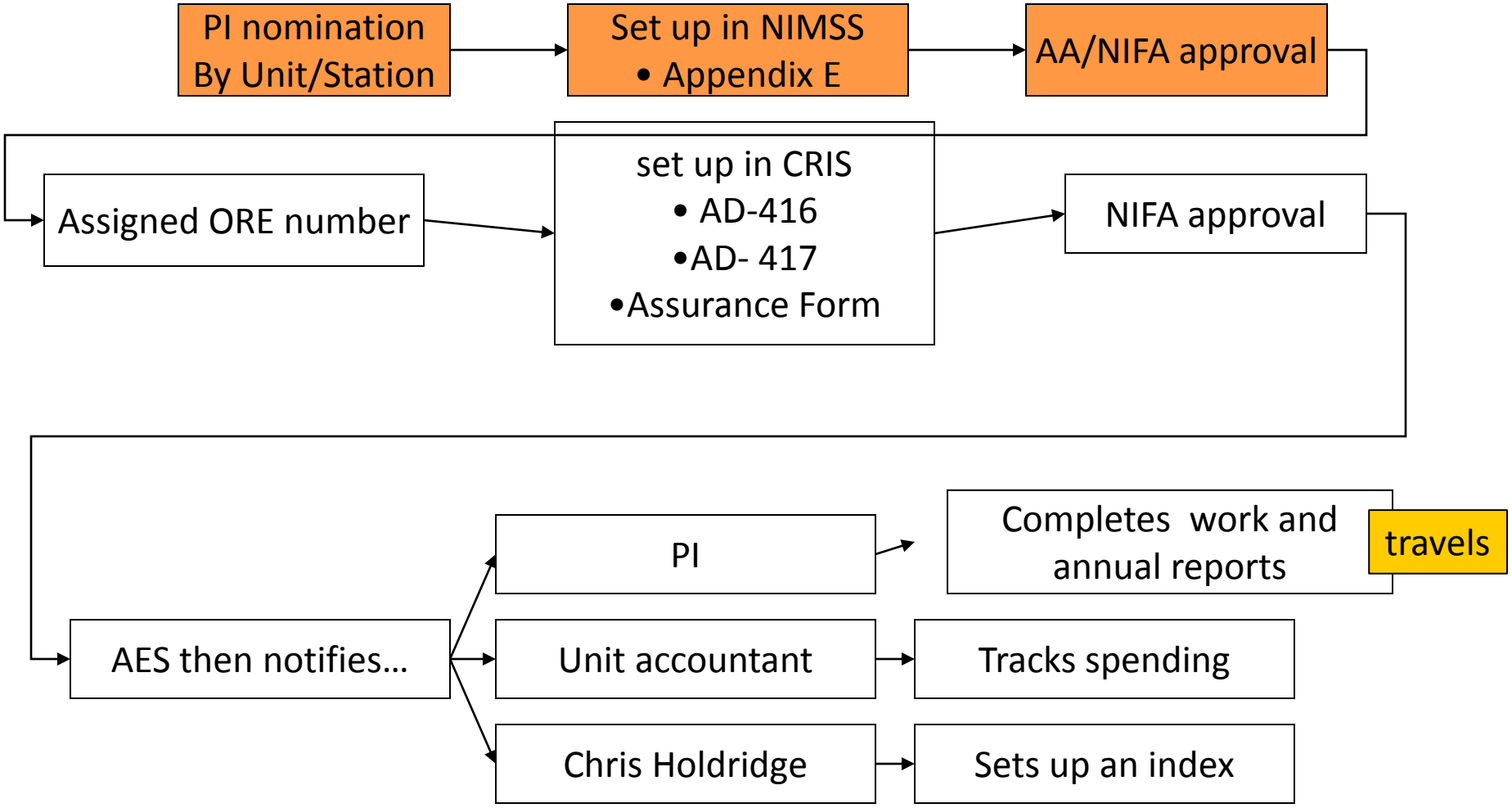
- There is no classification in NIMSS to cover emeritus faculty.
- AES can appoint an EXT or academic faculty member to serve if there are no other interested faculty on the project .
- Multiple faculty from an institution are allowed under regional policies to participate on a multistate project, but generally there is one lead (others act as alternates). On research projects, all members should be listed on CRIS record and provide annual progress information.
- Each unit determines allocation of multistate project funds.
- We may ask group to have a state project record.

# Multistate Projects

## Multi-step Set-up Process

- Unit & Station nominates delegate to a NIFA approved project
- Delegate
  - ✓ signs up for project (SY, PY, TY)
  - ✓ develops CRIS record (research project only)
  - ✓ attends meetings and submits annual report
  - ✓ submits CRIS report (research project only)
    - By fall of each year (for previous fiscal year)

# Multistate *Research* Project establishment



# Multistate Projects

- **Accounting Process**
  - Unit is allocated multistate funds for sFY
  - Unit allocates funds for Research projects and indexes assigned
  - OAES provides multistate travel support
    - Directly for CC and ERA
    - Reimburses research project indexes

# OAES Projects

- ✓ Faculty eligibility requirements (effort, timing)
- ✓ New and terminated faculty tracking
- ✓ Project development (5-year peer review proposals)
- ✓ Joining existing projects requires workplan
- ✓ Federal and state OAES index / accounting
- ✓ Project submission for NIFA review/approval
- ✓ Project reporting via CRIS/REEport, ORIn!, SOARS

# Animal Health & Disease Research Funds

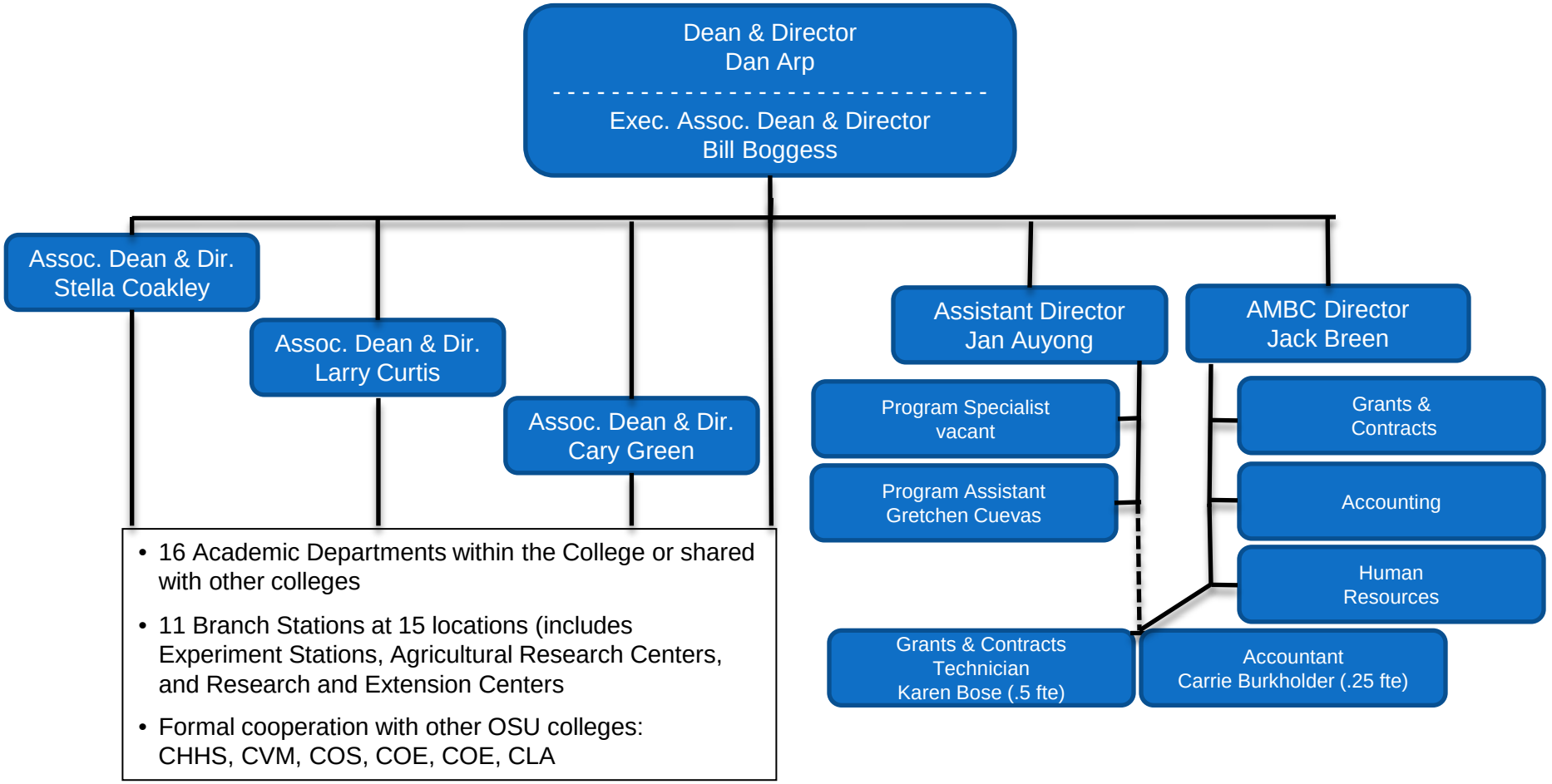
- ***Recipients:***
  - Accredited schools of veterinary medicine
  - State Agricultural Experiment Stations that conduct animal health & disease research
- ***Use:***

  Broad scope of research to promote general welfare through improved health and productivity of domestic livestock
- ***Matching:***

  States receiving more than $100,000 must match the excess with non-Federal funds dollar for dollar.
- ***Carryover:***

  None permitted, spending must be completed by Sep 30

# OAES Organization



# Contacts

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# Multistate Hatch Projects

**Faculty eligibility to lead projects:**

- At least some AES fte
- Generally with professorial rank but can be adjunct faculty
- Active rather than emeritus status
- Non-AES faculty can be invited to join but this is rare
- AES can appoint an EXT or academic faculty member to serve if there are no other faculty interested
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