The Land-Grant University Mission at Orientation - April 2012
Jan Auyong, OAES
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).
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.

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

Emphasis on Outcomes and Impacts
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

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

- Review PI eligibility
- Research Project proposal developed/peer reviewed
- Assigned ORE number

set up in CRIS/REEport
- AD-416
- AD-417
  (FTE allocation, KA, FOS, SOI)
- Assurance Forms
  (BAC, IACUC, IRB)

- NIFA approval

AES then notifies...

PI

AMBC accountant

Unit administration

Completes work and annual reports

Establishes index & Tracks spending

Provides budget
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
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
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

PI nomination
By Unit/Station

Assigned ORE number

Set up in NIMSS
• Appendix E

set up in CRIS
• AD-416
• AD-417
• Assurance Form

AA/NIFA approval

NIFA approval

AES then notifies...

PI

Unit accountant
Chris Holdridge

Completes work and annual reports
travels

Tracks spending
Sets up an index
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

- 16 Academic Departments within the College or shared with other colleges
- 11 Branch Stations at 15 locations (includes Experiment Stations, Agricultural Research Centers, and Research and Extension Centers
- Formal cooperation with other OSU colleges: CHHS, CVM, COS, COE, COE, CLA
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
• Multiple faculty from an institution are allowed, but generally one lead and others act as alternates. On research projects, all members should provide annual progress info..
• Each unit determines allocation of multistate project funds.
• We may ask group to have an ORIN record.