Agriculture & Natural Resource Extension

Celebrating The First 100 Years – Preparing For The Next!
100 Years of rich history of addressing our clientele’s issues & needs . . .

Will the next 100 years bring the same success?
Justin Smith Morrill

U.S. Representative — Vermont

The Morrill Act
The Morrill Act

Abraham Lincoln
16th President of the U.S.
Feb. 24, 1870 – Governor Joseph Washington McClurg signed legislation established College of Agriculture & Mechanical Arts – Columbia (8 year debate in legislature)
Land Grants

1862
1890
1994

AN ACT

Passed by the Senate and House of Representatives of the United States of America in Congress assembled:

This Act has been enacted to ensure stability of the price of agricultural crops, to promote the useful arts, to provide for the support of education, and to improve the condition of the people.

Passed in the Senate and House of Representatives of the United States of America in Congress assembled, the thirtieth day of July, in the year of our Lord one thousand eight hundred and ninety-four.
• Teaching agriculture, military science, mechanical arts
• Higher education both liberal and practical for the working class
## The Land-Grant System

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Partial listing of institutions
The Hatch Act of 1887

Created agricultural experiment stations for the land-grant universities
The Missouri Agricultural Experiment Station (AES) conducts research in agriculture, forestry, animal science and natural resources that benefits the citizens of Missouri.
The Smith-Lever Act

Created
Cooperative Extension
May 8, 1914
The Smith-Lever Act of 1914

Created Cooperative Extension for the good of all
Birth of Missouri Extension

• 1902 – Dean F. B. Mumford – Recommendation to the Board of Curators

• March 15, 1912 – Pettis County - S. M. Jordan: "Farm Advisor & Manager of Pettis County Bureau of Agriculture"
  – Total funding $3,500 (County Court, School Board, Crop Improvement & Contributions)

• June 15, 1912 – Cape County - C. M. McWilliams
  – Funding $1,500 annually by the County Court (3 years)
Birth of Missouri Extension

• 1913 – County Farm Bureau’s Organized – Buchanan, Jackson, Marion, & Scott
• 1914 – Cooper, **Greene**, St. Francois, & Saline
• March 24, 1915 – Missouri Farm Bureau was born
• 1918 – FB Resolution “Cooperate with the State University to secure adequate funding ...”
• 1955 – Secretary of Ag – separated Extension from Farm Bureau – still working together today!
• 1960’s – MU Extension Model C. Brice Ratchford
MU Extension – Growing the State
KEY LEGISLATION

1862 & 1890 Morrill Act - Land Grant Institutions
Land sale = Means to educate the masses

1887 Hatch Act – Ag Experiment Stations
Dollars to fund research

1914 Smith-Lever Act – Cooperative Extension
Distributing education to communities
ANR Extension is engaged in:

- Teaching
- Research
- Economic Development
Vision

The MU Extension ANR program will be recognized as the leader in 

*enhancing the state’s economic viability, protecting Missouri’s environment and natural resources* and *improving the quality of life* for all Missourians.
Megatrends Impacting Missouri’s Economy

• Increasing bi-modal distribution of farm size and scale
Megatrends -- continued

• Feeding 9.6 Billion by 2050

• Increasing industrialization/vertical integration

• Increased use of consultants (eg. CCA’s)

• Aging & changing workforce
Megatrends -- continued

• Increased need for entrepreneurship skills for small/mid-size farm managers

• Locally grown is expanding but what it’s share of market?

• Increased growth/economic importance of horticulture “Green Industries”
Megatrends -- continued

• Water – Quality & Quantity
• Climate Change
• Energy – Conservation & domestic production; Food vs. Fuel
• Increased need for compliance programs – environmental, workforce, food safety.
• Consumer – 3-4 generations removed
ANR21 Grand Challenges

• Growing Missouri Rural Economy - The 21st Century Producer
• Missouri – The Leader in Feeding A Growing World Population
• Protecting Missouri Environment/Natural Resources and Developing It’s Energy Independence
• Preparing 21Century Professionals
Thank You

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