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Celebrating 100 Years . Extending Knowledge . Changing Lives

Cooperative Extension Today

Extending knowledge, changes lives

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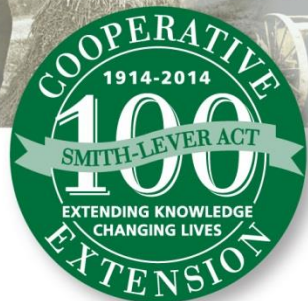
Extension100Years.net



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Cooperative Extension educators:

- **Translate** science for the public
- **Engage** with the public to act
- **Prepare** people for a better life
- **Provide** rapid response regarding disasters
- **Develop** partnerships
- **Connect** people online



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What Does Cooperative Extension Do for YOU?

Provides education you can trust to help people, businesses and communities solve problems, develop skills and build a better future.

- **Ensuring an Abundant and Safe Food Supply**
- **Crisis Management: Responding to Disasters**
- **Preparing a Strong Workforce**
- **Fostering Greater Energy Independence**
- **Helping People Live Better**
- **Making Agriculture More Profitable**
- **Protecting Natural Resources and Environment**



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Crisis Management: Responding to Disasters

- **New Mexico** Extension Service helped form the Southwest Border Food Safety and Defense Center protecting the nation's food supply from security threats.
- **Oregon** Sea Grant Extension helps coastal communities prepare for tsunami threats resulting in many counties developing public safety and planning policies.
- **Arkansas** Extension's Breakthrough Solutions Community and Economic Development team and 18 partners help communities build strong economic futures. Harrison, the pilot community, reported an increase of 35 new businesses in a 3 year period.



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Preparing a Strong Workforce

- Nationwide, Cooperative Extension is addressing the potential shortage in the future workforce through 4-H and youth **STEM** (science, technology, engineering and math) programs. More than 100,000 **New York** youth are involved in STEM projects. **Bio-Science Montana** connects 4-H teams in grades 8-11 to top university scientists for a year-long experience.
- **Florida's** Institute of Food and Agricultural Sciences offers worker certification programs -- Green Industry BMPs, Pest Management University and ServSafe[®], provide training ranging from sustainable landscape practices to safe food handling.
- **North Dakota** Extension Center for Community Vitality focuses on building a strong core economic base helping hundreds of existing/future business owners.



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Fostering Greater Energy Independence

- Engineers at University of **Georgia** are providing energy assessments helping crop and animal producers reduce expenses and operate efficiently -- \$3.6 million in grants for energy renovations with projected cost savings exceeding \$550,000 a year.
- A multistate, interdisciplinary team (**South Dakota, Minnesota, Nebraska and Iowa**) developed a training program on ventilation system management for hog producers – resulting in \$400,000 in production improvements and savings.

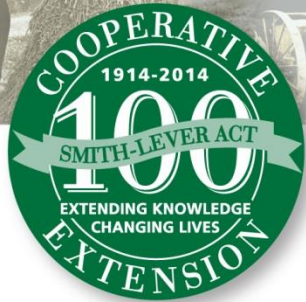


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Helping People Live Better

- All **50 states** partnered with U.S. Dept. of Justice's Office of Juvenile Justice Delinquency Prevention and National 4-H Council in the 4-H "Youth and Families With Promise" program – increasing youth self-confidence, outlooks on life and making positive choices.
- Of the nearly 650,000 low-income participants in the **Expanded Food and Nutrition Education Program (EFNEP)**, 90 % of adults & 60 % of youth improved food choices and diet.
- **4-H'ers** are about 4X more likely to make contributions to their communities, 2X more likely to be civic minded, 2X more likely to make healthful choices and 2X more likely to participate in STEM programs.
- **Kansas State Research and Extension 2013 Walk Kansas**, an 8-week program, involved 16,000 people and improved overall health and motivation to exercise-- walking more than 400 miles.

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Making Agriculture More Profitable

- **Michigan** Extension created Enviro-weather, a comprehensive network of weather stations, leading to a \$1.8 million gain for the tree fruit industry.
- Peonies can be produced in **Alaska** when no other peony is available in the world. Extension faculty are providing BMPs and working with growers – injecting \$2.75 million into the economy.
- Beef 706, a 2 day educational program from **Texas** Extension, teaches cattle producers to improve consistent and high-quality beef products - increasing returns to producers is estimated @ \$17.5 million since 2006.
- **Ohio** Extension is offering “Transferring the Farm to the Next Generation,” and participants say it has helped them improve family communication to begin retirement and estate planning.



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Protecting Natural Resources and Environment

- Extension Service faculty across the country are working in outreach and educational programs aimed at water conservation and reducing pollution. **Vermont** led an effort to conservation practices that prevented 2,000 tons of soil and 54 tons of fertilizer from becoming pollutants.
- **Alabama** Extension System established the E-Waste Institute to educate the public and influence public policies for responsible disposal of potentially hazardous electronic waste.



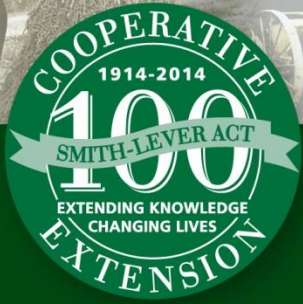
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National Events

Overview – The activities will celebrate Cooperative Extension's heritage while primarily focusing on contemporary efforts and opportunities in the future.

Proposed schedule of engagement –

- **Ag Outlook Forum – February 21, 2014**
- **AHS/CARET-Capitol Hill Reception - March 5, 2014**
- **PILD-April 7-9, 2014**
- **Convocation & National Awareness Events-May 7-8, 2014 –
*May 8, 2014 is the anniversary of the signing of the Smith Lever Act – Presidential Proclamation***
- ***Plan to have special viewings of the Smith-Lever Act @ Archives***
- ***Plan to have official proclamations in states and counties/parishes***



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Thank You!