

## **Clemson's Public Service Commitment 2010**

Clemson Public Service Activities (PSA) are **part of a national USDA system of research and knowledge transfer**, with a mandate to improve the quality of life for the citizens of South Carolina by developing and delivering research and education programs that support the **state's largest industry, the \$34 billion agriculture and forestry (agribusiness) sector**.

The **agribusiness sector touches every county** through crop and livestock production, fiber production and processing, food processing, timber production, and forest products manufacturing. It also touches every citizen by providing the basic needs for life: food, clothing, and shelter.

***Clemson Public Service research and technology-transfer provide the foundation for S.C. agribusiness to succeed in a globally competitive, knowledge-based economy.***

**Economic revitalization calls for science-based solutions to real-world issues:**

- Advancing the competitiveness of the agribusiness industry
- Enhancing the economic potential of rural communities
- Safeguarding the food supply
- Preserving natural resources
- Preparing young people to become productive citizens

As a land-grant university, Clemson PSA has a federal mandate to provide research and education programs that support economic development in these focus areas.

**Clemson PSA, alone, provides research/outreach specific to South Carolina's needs.** Other state agencies depend on Clemson PSA research/outreach programs to support their assigned missions.

Information is delivered to the state's citizens through the most efficient communication system in the world: extension programs located in each county, and via the Internet and other media.

**To spur economic recovery in agribusiness, the state's largest and most vital industry, PSA requests restoration of \$15.8 million (30%) in state funds that have been cut since June 2008, and an end to further cuts in state funding.**

Clemson University has a three-fold mission of teaching, research, and public service.

**"Without PSA there would be no Clemson."**

– Jim Barker, president

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### **Clemson Public Service Activities (PSA) include:**

#### **Experiment Station**

Develops relevant, research-based knowledge for agriculture, natural resources and rural communities to enhance economic development

#### **Extension Service**

Transfers science-based information to individuals, groups and communities, and helps them apply that information to improve their quality of life

#### **Livestock-Poultry Health Programs**

Ensures the health and safety of livestock/poultry industries and companion animals, and protects the food supply and public health of S.C. citizens

#### **Regulatory Services**

Protects the environment and the food supply by ensuring the safe, effective use of fertilizers and pesticides and the quality of seeds and plants grown in the state; and mitigates agroterrorism

#### **4-H**

Builds youth leadership, citizenship, and life skills through a learn-by-doing approach in agriculture and natural resources

#### **Applied Ecology Center**

Conducts research and education programs on watershed management plans throughout the state, and restores compromised environments

#### **Baruch Institute of Coastal Ecology and Forest Science**

Conducts research and education programs on coastal issues such as the environmental impact of urban development and protecting natural resources

#### **Genomics Institute**

Conducts research and training to discover and analyze important genes of plants, plant pests, animals and microbes to improve agriculture, human health and the environment

#### **Institute for Economic and Community Development**

Conducts research and education programs to help South Carolina communities balance economic and community development with environmental conservation

#### **Institute on Family and Neighborhood Life**

Conducts research and education programs, analyzes public policies and provides technical assistance to community institutions that support family and neighborhood life

#### **Institute for Nutraceutical Research**

Conducts research and education programs on medicinal plants with an emphasis on crop cultivation and post-harvest practices, product standards and efficacy

#### **Strom Thurmond Institute of Government and Public Affairs**

Conducts applied research, training and critical trends analysis for public policy issues such as fiscal sustainability, land use, urban growth and water quality

#### **Youth Learning Institute**

Conducts youth development programs based on high-performance learning environments to build valuable life skills