

July 15, 1999

Mr. Bart Hewitt  
Partnerships/POW  
Cooperative State Research, Education, and Extension Service  
U.S., Department of Agriculture STOP 2214  
1400 Independence Avenue, S.W.  
Washington, D.C. 20250-2214

SUBJECT: Request for wavier - non-federal match for federal fiscal year 1999-2000

Dear Mr. Hewitt

Enclosed herewith in is the 5-year Plan of Work (POW) for the Cooperative Extension Program, Southern University and A&M College. The POW was developed in accordance with the guidelines established by the Cooperative State Research, Education and Extension Service.

As Administrator, I hereby request a wavier on behalf of the Southern University Cooperative Extension Program for the 30 percent non-federal match required for fiscal year 1999-2000. The action is needed because of the ongoing negotiation between the U. S. Department of Justice and the State of Louisiana regarding land-grant issues. We are hopeful that these issues will be settled expeditiously and that funds will be available to satisfy the non-federal match requirement in FY 2001 and beyond.

I trust that the 5-year plan has fulfilled all necessary requirements according the guidelines for State Plans of Work for the Agricultural, Research and Extension Formula Funds as published in the Federal Register, week of June 14, 1999. Should you need clarification for the information provided please advise accordingly.

Sincerely,

Leodrey Williams  
Administrator

xc: Dr. Leon Tarver, President

Dr. Gina E. Eubanks, Acting Assistant Administrator/Associate Specialist

PLAN OF WORK  
FY 1999-2004

SOUTHERN UNIVERSITY AND A&M COLLEGE  
COOPERATIVE EXTENSION PROGRAM

*Approved*

Leodrey Williams  
Administrator

*Submitted to*

Partnership Unit  
Cooperative State Research, Education  
and Extension Service  
United States Department of Agriculture

July 15, 1999

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## **EXECUTIVE SUMMARY**

### **SOUTHERN UNIVERSITY COOPERATIVE EXTENSION PROGRAM (SUCEP)**

**MISSION:** The philosophy of the Land-Grant College Acts reflected the practical view that knowledge should be applied to improve the human condition, notably in production; the growing belief that man could, in fact, better his lot and "make progress"; and the American commitment to democratic goals of opportunity for the common man and open-ended upward mobility. Extension is a viable component of the land-grant college triad-teaching, research and Extension.

The Southern University Cooperative Extension Program (SUCEP) combines the resources of federal, state and local governments and the resources of the entire University in a comprehensive approach to help Louisiana residents toward creating productive, viable healthy communities to solve local and community issues. SUCEP operates on two guiding principles: 1) the social and economic success of a community, state and/or country depends, in part, on the full participation of all citizens; and 2) providing increased educational learning experiences, whether it is to a farmer, an entrepreneur, homemaker, youth, and/or public servant that will greatly improve one's ability to have meaningful and productive participation in community affairs.

The original SUCEP thrusts were in Agriculture and Home Economics, primarily aimed at rural audiences. Today, the SUCEP provides educational assistance for all Louisiana residents in such diverse areas as Family and Consumer Sciences, Agriculture and Natural Resources, Youth Development, Health Education, and Economic and Community Development.

**GOALS:** The major goal of the educational programming for SUCEP is to extend and deepen the total outreach of the Extension program in the state, and to bridge possible existing gaps, so that all farmers, homemakers, families, youth and communities might acquire the knowledge, skills, attitudes and behavioral abilities needed to improve the quality of their lives and their environment. SUCEP is the primary entity of the University that disseminates research-based information and provides information educational opportunities focused on identified issues and needs of Louisiana residents of diverse ethnic and socioeconomic backgrounds.

The resources of Southern University Cooperative Extension Program help greatly in producing the following results:

- Farmers and gardeners increase their net incomes and improve their level of living through the adoption of up-to-date production, conservation and marketing practices.
- Residents develop attitudes, enhance knowledge and expand skills needed to obtain proper services and job opportunities, thus helping them to achieve a better quality of life comparable to the rest of society.

- Youth acquire competencies that foster resiliency and self-confidence that contribute to the fundamental development of leadership skills that enhance personal, social and intellectual aspects of their life.
- Communities acquire knowledge and skills in economic development that benefits and assist the at-large communities to address common issues and concerns.
- Volunteers acquire knowledge and skills to assist Extension staff with the delivery and dissemination of research and practical information.
- Partnerships and collaborative efforts established to initiate and continue projects and programs that meet the needs of Louisiana residents; giving primary emphasis to residents with limited human, physical, educational and financial resources.
- Families acquire life skills which will enable them to improve the quality of their lives.

**APPROACH:** The Southern University Cooperative Extension Program is operational in eighteen of Louisiana's sixty-four parishes. Extension efforts include work in the board areas of Family and Consumer Sciences, Agriculture and Natural Resources, Economic and Community Development, Diet, Nutrition and Health Education, and Youth Development. The SUCEP seeks to identify and develop education programs for a diverse clientele that includes the rural disadvantaged, working homemakers, farmers (small and part-time), lay community leaders, youth, small business people, faith community and other members of the public in Louisiana.

The teaching methods employed in the SUCEP are generally on a face-to-face basis using the farm and home visit, small group meeting, workshop, and result demonstration. Participants may enroll in designated programs/projects and Extension field staff may present research-based information directly to homemakers, farmers, youth and/or community-at-large. As SUCEP looks to the future there will be an increased use of technology to deliver programs so Louisiana residents might learn at times convenient to them.

Extension faculties at both state and local level have built strong partnerships with agencies and organizations as well as other units of the Southern University System to more effectively and efficiently delivers programs that address critical issues faced by Louisiana residents. It is through these strong partnerships with others that has allowed SUCEP to reach hundreds of thousands of Louisiana residents every year with research-based information and information from the land grant system. Each Extension field staff functions with the use of a local advisory board to assist them in responding to the critical needs of the local residents. In addition to the advisory board, volunteers are important to identifying issues and to the delivery of educational programs by the Cooperative Extension Program.

**STRUCTURE:** Professionals and para-professionals are employed by Southern University at the state and parish levels. SUCEP state staff is located on the Southern University Baton Rouge Campus with six paraprofessional (home economics); two paraprofessional (agriculture); four home economists; five county agents; and two area agents (agriculture and home economics). Extension specialists have established linkages with other agencies and organizations to develop and deliver educational programs that focus on the issues affecting

Louisiana residents.

- The **Administrator** has the responsibility cooperatively to develop the Comprehensive Extension Program for the State and assists in developing policies relating to the Extension work in Louisiana. The **Administrator** gives directions to the Southern University Cooperative Extension Program and supervises the state office staff.
- **Specialist-Family and Consumer Sciences:** provides informal educational programs that increase knowledge, influence attitudes, teach skills and inspire aspiration of individual, families and communities to enhance their quality of life.
- **Specialist-Agriculture and Natural Resource:** provides technical and educational assistance to small/part time farmers in agriculture and natural resource that promotes profitability and enhances competitiveness, while ensuring a safe and quality environment.
- **Specialist-Animal Science:** develops and implements educational programs in livestock and small animal production and management for small/part-time farmers and youth.
- **Specialist-Nutrition:** develops and implements nutrition education program for food stamp recipients and other undeserved population.
- **Specialist-Health Education:** build coalitions that extend across public and private businesses, civic and services organizations, national, state and local entities that promote visioning, asset mapping consensus building as the framework to create healthy communities.
- **Specialist-Economic and Community Development:** provide information and technical assistance to help Louisiana residents, leaders, and community-based organization address and combat community problems.

I.



## **PLANNING OPTIONS**

**The Southern University Cooperative Extension Program Plan of Work (POW) is submitted according to the requirements enacted in the Agricultural Research, Extension and Education Reform Act of 1998. The five-year POW presents current and proposed Extension Programs funded under sections 1444 of NARETPA for 1890 land-grant institutions and Tuskegee University. The submission is a single entity for the Cooperative Extension Program.**

## **II. PLANNED PROGRAMS**

**GOAL ONE: An agricultural system that is highly competitive in the global economy.**

**Statement of Issue:** During the present decade, Louisiana Summary of Agriculture and Natural Resources reported that there are 650 small commercial vegetable farms in the seven parishes of the 1890 program with an average of 6 acres per farm. The average yearly income per farm from vegetable production is \$6,000. The number of commercial vegetable growers has increased slightly and is expected to continue to increase partly because of the depressed condition of agronomic crops and increased consumer demand for fresh vegetables. Identified problems associated with vegetables are producers not following recommended production and cultural practices and do not have an irrigation system; farmers' lack of understanding of the market structure and how to access available markets; and farmers' unwillingness to accept the risk associated with shifting production away from traditional row crops to new enterprises such as vegetables.

Extension is working with low-income families in eighteen parishes on home/container gardening and beautification of home environment. Garden sizes range from one or two pot plants in urban areas to an acre in rural areas. Based on Louisiana's economic situation, interest in home gardens is expected to increase, therefore educational programs will be needed relative to mulching, pest control, spacing and timeliness of planting and harvesting of vegetables. Additionally, Louisiana residents will require knowledge/skills with regards to marketing of product, market policy, economics analysis and financial planning and management.

For years the sheep, goat and rabbit industries have functioned on low-input, low output. Within the last few years, producers have had a renewed interest in smaller more efficient commercial livestock enterprise. The state's sheep and goat industry has grown and SUCEP has been coordinating demonstrations, producer workshops and developing research that meet the needs of Louisiana residents. Programming efforts have been designed to mutually benefit the producers and the end users, thus decreasing the perception of these industries yielding low economic livestock.

**Stakeholder Input Process.** Southern University Cooperative Extension Program bridge existing educational gaps, so that farmers, homemakers, families, youth and communities will acquire knowledge, skills, and behavioral abilities needed to improve the quality of their lives and environment. For years the primary source for stakeholder participation was the use of subject-matter advisory committees at the local level and while this method has provided SUCEP with capacity to develop educational programs that meet the needs of Louisiana residents in designated parishes. For this plan of work additional approaches such as town meetings, survey, and personal contact have been used to identify critical issues and concerns of Louisiana residents. The survey was completed with the Southern University College of Agriculture, Family and Consumer Sciences. The survey was mailed to a sample of Louisiana Extension agents. Results will be presented as a publication to be disseminated by the College for future use.

**Performance Goal 1.1:** Producers and their families to learn how to make the necessary adjustment in farm operations and financial management to attain their goal.

**Key Program Component(s)**

**(For Adult and Youth Audiences)**

Financial Management Workshops  
Bulletins  
Training Meetings  
Market Analysis  
Certification Workshops  
Producer Meetings  
Field Days  
Farm Visits  
State Homemakers and Farmers Exposition

**Internal and External Linkages**

College of Agriculture, Family and Consumer Sciences  
Louisiana State University Cooperative Extension Service  
Louisiana Department of Agriculture  
Southern Regional Agriculture Research and Education (SRARE)  
Louisiana Meat Goat Association  
Heifer Project International, Inc.

**Target Audiences**

Primarily small/part-time and socially disadvantaged Louisiana farm families and other undeserved segments of the population.

**Evaluation Framework (Establish Baseline Information)**

Impact studies will be conducted to determine increase of the number of small vegetable producers, home/container gardeners, and small commercial livestock producers.

Impact studies will be conducted to determine percent of producers and families adopt recommended practices to enhance farm operations and financial management.

**Output Indicators**

Total number of person completing non-formal educational programs on farm operation and financial management.

Total number of small vegetable producers

Total number of home gardeners

Total number of goat and rabbit producers

**Outcome Indicators**

Increase the number of small vegetable producers

Increase the number of home gardeners

Increase the number of goat and rabbit producers

**Program Duration**

Intermediate: 5 years

**Performance Goal 1.2:** Small farmers diversify operation to explore alternative enterprises and niche market that enhance economic growth.

**Key Program Component(s)**

- Result demonstration
- Bulletins
- Training Sessions
- Market Analysis
- Certification Workshops
- Producer Meetings
- Parish visits
- Farm visits
- State Homemakers and Farmers Exposition

**Internal and External Linkages**

- College of Agriculture, Family and Consumer Sciences
- Louisiana State University Cooperative Extension Service
- Heifer Project International, Inc.
- Baton Rouge Economic and Agricultural Development Alliance

**Target Audiences**

- Small scale farmers involved in vegetable production

**Evaluation Framework(Establish Baseline Information)**

- Impact studies will be conducted to determine number of small farms that integrate farmers market.

- Impact studies will be conducted to determine number of alternative agriculture enterprise and niche marketing..

**Output Indicators**

- Total number of person completing non-formal educational programs on alternative enterprise and niche marketing.

- Total number of small farms participating in the alternative enterprise

**Outcome Indicators**

- Increase the number of small farmers that integrate farmers markets as a method to sell products.

- Increase the number of varied crops grown by farmers to enhance economic potential.

**Program Duration**

Intermediate: 5 years

**Allocated Resources(both performance goals):**

**HUMAN:** Specialist (1 FTE)

**FISCAL:** A minimum of 232,590 will be allocated to this national goal. Expenses include salaries/fringe benefits for state office staff and agriculture field staff; student labor, travel, materials and supplies, contractual services and other operational expenses.

**PROJECTED COST OF EXTENSION PROGRAM  
(5 YEARS)**

<b>FY</b>	<b>Federal</b>	<b>State Match</b>	<b>Total</b>
<b>2000</b>	<b>\$232,590</b>	<b>-0-</b>	<b>\$232,590</b>
<b>2001</b>	<b>232,590</b>	<b>104,665</b>	<b>337,255</b>
<b>2002</b>	<b>232,590</b>	<b>116,295</b>	<b>348,885</b>
<b>2003</b>	<b>232,590</b>	<b>116,295</b>	<b>348,885</b>
<b>2004</b>	<b>232,590</b>	<b>116,295</b>	<b>348,885</b>
<b>TOTAL</b>	<b>1,162,950</b>	<b>453,550</b>	<b>1,849,090</b>

**NOTE:** Request for a waiver of the state match for the federal fiscal year 1999-2000. The match of 45%(2001) and 50% thereafter is required.

**Education and Outreach Programs:**

Collaboration with the College of Agriculture, Family and Consumer Sciences and Heifer Project International, Inc. to provided leadership for regional training sessions.

Provide assistance in the development of the Louisiana Meat Goat Association.

Assist with development of Southwest Vegetable and Alternative Agricultural Enterprise Field Day.

Train agricultural professionals on concepts and practices of small scale sustainable agriculture.

Establish community livestock producer groups

## **GOAL TWO: A safe and secure food and fiber system.**

**Statement of the issue:** The United States is known as the land of plenty, however according to Food and Hunger statistics 1997, 35.6 million or 13.3 percent of the population live in poverty. In Louisiana the number of people living in poverty was 873,000 or 20.5 percent of the population. Louisiana ranks in the top five states of high percentages of the population experiencing or living in poverty. Food security and poverty coincide with one. Another in many of these instances and it affects many segments of the population. Children, one of the nation's most precious resources is the most vulnerable group in the United States when dealing with food security/hunger and poverty. More than 5.2 million children in the United States live in poverty. The poverty rate for young children remains far higher than that for any other age group. It is double that of adults ages 18-64 and elderly ages 65 and over. Nearly 10 million young children live in low-income families. In Louisiana more than 31.8 percent of children under the age of 12 live in poverty and 12.1 percent have food security/hunger issues within their families. Louisiana has 15.6 percent of total households that are food insecure. Food security issues are unproportional distributed among ethnic minorities. Whites continue to have more of the population having food security/hunger issues (1.9 million and 13.0 percent respectively), however, 40 percent (1.4 million) and 38 percent (1.6 million) of Blacks and Hispanics are below the poverty line and may have a difficult time with food security. A new population of citizens that have an emerging issue with food security are grandparents that are now raising grandchildren. According to Louisiana 1990 census data 8.4 percent (1,220,852) of Louisiana children live with grandparents and are living in poverty. Forty-three percent are grandmother headed households trying to raise more than one grandchild. Many of these families that live in poverty are able to qualify for government assistance programs. These programs are Medicaid, School Lunch and Breakfast Programs, Special Supplemental Nutrition Programs for Women, Infant, and Children, Commodities and in Louisiana Food for Families and Food for Seniors. The Food Stamp Program continues to have a steady decline in recipients due to new welfare reform regulations and low unemployment. Unfortunately there still continue to be a large number of children that receive food stamps in Louisiana. More than 52.6 percent of food stamp recipients in Louisiana are children. African-Americans make up 72.46 percent of the food stamp recipients versus whites that only make up 26.04 percent on the Louisiana food stamp program. Despite the steady decrease (271,750 recipients in FY 94/95 compared to 186,122 recipients FY 98/99), many food pantries across the state have had a 20% increase in the number of families coming to their pantry for food.

The United States is thought to have one of the safest food supplies in the world. However, due to several outbreaks and food recalls from many meat, poultry and egg production sites where harmful bacteria was found, food safety comes into question. Six million cases of food borne illness occurred each year. According to the Food and Drug Administration, between 7.6 million and 23 billion dollars are spent annually on health care and lost productivity resulting from food borne illness. In Louisiana, most of the reported cases of food borne illnesses were caused by Salmonella, Shigella, Campylobacter, and Hepatitis A. Many cases go unreported due to people mistaking food borne illness with "tummy flu." For many of these people, especially vulnerable

populations( young children and elderly) these food borne illnesses can be life threatening. Educational program designed to make homemakers aware of simple task such as temperature control, storage, purchasing, preparing, cooking, and as easy as hygiene (hand washing) would lower the number of people exposed to possible food borne illness. Hard- to- reach audiences defined by socioeconomic, ethnic background, area residing and language barriers, are issues that need to be addressed so that the Presidents Food Safety Initiative goals can be reached and achieved. Educational material need to be reflective of not only the general public but also those hard-to-reach audiences.

**Stakeholder Input Process.** Southern University Cooperative Extension Program bridge existing educational gaps, so that farmers, homemakers, families, youth and communities will acquire knowledge, skills, and behavioral abilities needed to improve the quality of their lives and environment. For years the primary source for stakeholder participation was the use of subject-matter advisory committees at the local level and while this method has provided SUCEP with capacity to develop educational programs that meet the needs of Louisiana residents in designated parishes. For this plan of work additional approaches such as town meetings, survey, and personal contact have been used to identify critical issues and concerns of Louisiana residents. The survey was completed with the Southern University College of Agriculture, Family and Consumer Sciences. The survey was mailed to a sample of Louisiana Extension agents. Results will be presented as a publication to be disseminated by the College for future use.

**Performance Goal 2. 1:** Consumer increase awareness and level understanding of food availability and accessibility.

**Key Program Components:**

(For adult and youth audience)

- Nutrition Classes
- Health Fairs
- Fact Sheets
- Parish Visits
- Food Safety Demonstrations
- Advisory Committee
- Parish Recognition/Achievement Days
- State Homemakers and Farmers Exposition

**Internal and External Linkages**

- Southern University College of Agriculture, Family and Consumer Sciences
- Southern University Center for Social Research
- Southern Center for Wellness.
- Commodity Food Groups
- Food for Families
- Food for Seniors
- Women, Infant and Children

The Greater Baton Rouge Food Bank  
Louisiana  
Office of Public Health  
Office of Family Support  
Food Stamp Program  
Department of Health and Hospitals  
Department of Sanitation  
Local Parish School Boards  
Faith-based Community

**Targeted Audiences:**

Limited-resource populations that would also include minority audiences (African-Americans, Mexican-Americans, Latinos, Southeast Asian, Native American), those people that utilize the food pantry on a regular bases as indicated by the data from the local food pantry. Other targeted audiences are especially those populations that are at high risk for food insecurity and disproportional harsh effects of food borne illness, such as children and the elderly .

**Evaluation Framework**

Follow-up survey will be conducted each year to determine changes in participation. Impact studies will be conducted to determine the percent of limit resources families with nutritional needs.

**Output Indicators:**

Total number of person completing non-formal educational programs on food availability and accessibility.  
Total number of newsletters produced.  
Total number of articles placed in local papers  
Total number of participants that attend and accept recipes from local Supplemental Food Programs

**Outcome indicators:**

Increase consumer level of knowledge concerning food availability and accessibility.  
Increase the number of participants at Special Supplemental Food Programs Sites that use recipes in their home.

**Program Duration:**

Intermediate: 5 years  
The program will have a varying length depending on the program and the needs assessments resulting from the programs and on funding for the programs. Some programs will be for FY 2000 only while other will be used for the entire five-year period.

**Performance Goal 2.2:** Consumer increase awareness and level of understanding for food



safety and food borne risks and illnesses.

### **Key Program Components**

(For adult and youth audience)

- Nutrition Classes
- Health Fairs
- Fact Sheets
- Parish Visits
- Food Safety Demonstrations
- Advisory Committee
- Parish Recognition/Achievement Days
- State Homemakers and Farmers Exposition

### **Internal and External Linkages**

- Southern University College of Agriculture, Family and Consumer Sciences
- Southern University Center for Social Research
- Southern Center for Wellness
- Commodity Food Groups
- Food for Families
- Food for Seniors
- Women, Infant and Children
- The Greater Baton Rouge Food Bank
- Louisiana
  - Office of Public Health
  - Office of Family Support
  - Food Stamp Program
  - Department of Health and Hospitals
  - Department of Sanitation
- Local Parish School Boards
- Faith-based Community

### **Targeted Audiences:**

Limited-resource populations that would also include minority audiences (African-Americans, Mexican-Americans, Latinos, Southeast Asian, Native American), those people that utilize the food pantry on a regular bases as indicated by the data from the local food pantry. Other targeted audiences are especially those populations that are at high risk for food insecurity and disproportional harsh effects of food borne illness, such as children and the elderly .

### **Evaluation Framework**

Follow-up survey will be conducted each year to determine changes in participation. Impact studies will be conducted to determine the percent of limit resources families with nutritional needs. Extension project records and

attendance reports will be reviewed to determine the number of individuals participating.

**Output Indicators:**

- Total number of person completing non-formal educational programs on food safety and food borne risks and illnesses.
- Total number of workshops and presentations conducted
- Total number of newsletters developed.
- Total number of articles placed in local papers

**Outcome Indicators:**

- Increase consumer knowledge of food safety and food borne risk and illnesses.
  
- Increase Extension Staff knowledge of food safety and food borne risk and illness.

**Program Duration**

Immediate 5 years Same as above

**Allocated Resources(both performance goals):**

**HUMAN:** Specialist (1 FTE)

**FISCAL:** A minimum of \$200,000 will be allocated to this national goal. Expenses include salaries/fringe benefits for state office staff and home economics field staff; student labor, travel, materials and supplies, contractual services and other operational expenses.

**PROJECTED COST OF EXTENSION PROGRAM  
(5 YEARS)**

<b>FY</b>	<b>Federal</b>	<b>State-Match</b>	<b>Total</b>
2000	\$200,000	-0-	\$200,000
2001	200,000	90,000	290,000
2002	200,000	100,000	300,000
2003	200,000	100,000	300,000
2004	200,000	100,000	300,000
<b>TOTAL</b>	<b>1,000,000</b>	<b>390,000</b>	<b>1,590,000</b>

**NOTE:** Request for a waiver of the state match for the federal fiscal year 1999-2000. The match of 45%(2001) and 50% thereafter is required.

**Education and Outreach Programs::**

Home-so Beautiful (Basic Housecleaning program) is designed and implemented with the Public Housing Authority.

Families First: Nutrition Education Wellness System Curriculum - Food Safety Module

Plan of Work Proposal for Food Safety and Quality (Funds Pending)

Collaborate with external agencies to develop Food Safety Curriculum for elementary school teachers.

**Statement of Issue:** The citizens of Louisiana are becoming more concerned about the nutritional value, quality, safety of their diets and affordability of food. The consumer's knowledge level about the relationship of food, diet, nutrition, fitness, and disease is vital to maintaining a healthy society. According to the Louisiana Office of Public Health, five of the ten leading causes of death are associated with diet: coronary heart disease, several types of cancer, diabetes mellitus, strokes, and atherosclerosis. Cardiovascular diseases rank as Louisiana's No. 1 killer. The Louisiana Department of Health and Human Services reports that of the ten leading causes of death, only 10% of premature deaths are avoidable through improved access to medical care. The remainder was attributed to personal risk behaviors (52%), environmental risk (20%), and human biology (18%).

Obesity is a health risk factor that has been observed to affect the health status of low income and minority populations. The Louisiana legislature recently passed legislation that classified obesity as a disease and created the Council on Obesity Prevention and Management. A survey of clientele (June 1999) showed that nutrition, diet and health issues were related to weight-control and healthy lifestyles. The Centers for Disease Control and Prevention, National Center for Health Statistics report that a poorer person (family with income under \$10,000) report higher percentages with activity limitation, and fair or poor health status in each age group than persons in other family income groups. The current recommendation for physical activity is at least 30 minutes of moderate-intensity activity, preferably every day.

There is growing evidence of the harmful side effects of common home pollutants, such as lead, carbon monoxide, biological contaminant, asbestos, formaldehyde, pesticides, particulates, radon, volatile organic and contaminants in drinking water. Home safety, sanitation and pest control affect both property values and the health of the occupants. Excess moisture, mildew and other destructive fungi and algae are prevalent and difficult to control in Louisiana homes.

**Stakeholder Input Process.** Southern University Cooperative Extension Program bridge existing educational gaps, so that farmers, homemakers, families, youth and communities will acquire knowledge, skills, and behavioral abilities needed to improve the quality of their lives and environment. For years the primary source for stakeholder participation was the use of subject-matter advisory committees at the local level and while this method has provided SUCEP with capacity to develop educational programs that meet the needs of Louisiana residents in designated parishes. For this plan of work, additional approaches such as town meetings, survey, and personal contact have been used to identify critical issues and concerns of Louisiana residents. The survey was completed with the Southern University College of Agriculture, Family and Consumer Sciences. The survey was mailed to a sample of Louisiana Extension agents. Results will be presented as a publication to be disseminated by the College for future use.

**Performance Goal 3.1:** Reduce the health risk factors through non-formal education programs

which will improve dietary habits and physical exercise practices in which Extension has a role.

### **Key Program Components**

(For adult and youth audience)

Nutrition Classes  
Health Fairs  
Fitness Workshops  
Fact Sheets  
Parish Visits  
Food Demonstrations  
Advisory Committee  
Healthy Youth, Healthy Communities  
Parish Recognition/Achievement Days  
State Homemakers and Farmers Exposition

### **Internal and External Linkages**

Southern University School of Nursing  
Southern University College of Agriculture, Family and Consumer Sciences  
Southern University Center for Wellness  
Interagency Task Force (Office of Community Services)  
Southeastern Louisiana University Health Education Center  
Louisiana State University Cooperative Extension Program  
Louisiana Area Health Education Centers  
Louisiana Department of Health and Human Services/Office of Public Health  
Louisiana Public Health Institute  
Alcorn State University Cooperative Extension (Nutrition Plus Program)  
Texas A&M University Extension Service (Walk Across Texas Project)

### **Target Audiences:**

Primarily low income Louisiana residents and other undeserved segments, like African American, Hispanic, the homeless and others who have limited to none access to local, state and federal subsidize to with basic needs -- food, clothing and shelter.

### **Evaluation Framework:** (Establish baseline information)

Follow-up survey will be conducted each year to determine changes in participation. Impact studies will be conducted to determine the percent of limit resources families with nutritional needs.

### **Output Indicators:**

Total number of person completing non-formal educational programs on health risk factors.  
Total number of participants with health risks completing an approved or demand nutrition education program.

Total number of participants meeting or exceeding their goal of a healthy weight range.  
Total number of persons who plan to adopt one or more recommended nutrition practices which will reduce health risks within six months of completing one or more of these programs.

Total number of participant completing the Home-so Beautiful Program

### **Outcome Indicators**

Increase the number of participants reached from baseline data

Increase number of people receiving access to health care

Reduced number of health disparities (unequal access to health care)

### **Program Duration**

Intermediate: 5 years

Programs developed based on the needs of designated communities will vary in length.

**Performance Goal 3.2:** Healthy community advisory councils will be established in seven of the nineteen parishes.

**Key Program Components:**

- Healthy Community Initiatives
- Health Forums
- Health Consortium
- State Homemakers and Farmers Exposition

**Internal and External Linkages**

- Southern University College of Agriculture, Family and Consumer Sciences
- Southern University Health Consortium
- Southern University Center for Wellness
- Southern University Student Health Center
- East Baton Rouge Juvenile Services
- Interagency Task Force (Office of Community Service)
- Louisiana State University Cooperative Extension Service
- National Healthy People . . . Healthy Communities Initiative Team
- The Bureau of Primary Care
- National Civic League
- Louisiana Healthy People, Healthy Communities Management Team
- Louisiana Primary Care Association
- Louisiana Department of Health and Hospital

**Target Audiences:**

Primarily low income Louisiana residents and other undeserved segments, like African American, Hispanic, the homeless and others who have limited to none access to local, state and federal subsidize to with basic needs -- food, clothing and shelter.

**Evaluation Framework** (Establish baseline information)

Follow-up survey will be conducted each year to determine changes in participation. Impact studies will be conducted to determine the percent of limit resources.

**Output Indicators:**

- Total number of person completing non-formal educational programs on healthy community initiative.
- Total number of healthy community advisory councils organized
- Total number of participants attending a healthy community forum
- Total number of health partnerships formed statewide
- Total number of youth increasing developmental assets.

**Outcome Indicators:**

Increase networking among health care providers  
 Increase distribution of resources among health-care service providers.

**Program Duration:**

Intermediate: 5 years

**Allocated Resources(both performance goal):**

**HUMAN:** Specialist (1 FTE)

**FISCAL:** A minimum of \$225,000 will be allocated to this national goal. Expenses include salaries/fringe benefits for state office staff and home economics field staff; student labor, travel, materials and supplies, contractual services and other operational expenses.

**PROJECTED COST OF EXTENSION PROGRAM  
 (5 YEARS)**

<b>FY</b>	<b>Federal</b>	<b>State-Match</b>	<b>Total</b>
2000	\$225,000	-0-	\$225,000
2001	225,000	101,250	326,250
2002	225,000	112,500	337,500
2003	225,000	112,500	337,500
2004	225,000	112,500	337,500
<b>TOTAL</b>	<b>1,125,000</b>	<b>438,750</b>	<b>1,788,750</b>

**NOTE:** Request for a waiver of the state match for the fiscal year 1999-2000. The match of 45%(2001) and 50% thereafter is required.

**Education and Outreach Programs (for both performance goals):**

Establish guidelines for health consortium

Monthly health consortium meeting with internal and external linkages.

Collaborate with internal and external health related agencies and organizations to promote Healthy People...Healthy Community Initiative

Established partnership with Louisiana Public Health Institute, which was endorsed by the 1997 Louisiana Legislature, to improve access to health care, especially for rural and disadvantaged communities.



**GOAL FOUR:       An Agricultural system which protects natural resources and the environment.**

**Statement of Issue:** The agronomic crop effort is concentrated in seven parishes where there are agents with agricultural responsibilities. Based on a survey conducted by the agents, there are approximately 600 small scale farmers growing agronomic crops (cotton, soybeans, corn, wheat, and milo) with cotton and soybeans being the major two crops. Recent trends have shown an increase in corn and wheat with a slight decrease in soybean acreage.

The target farmers have low yields per acre and crops of substandard quality because they are not following the latest recommended production and cultural practices. Also, they lack the education and the changes in the 1990 Food and Agriculture Act relative to farm programs (cross compliance and conservation) and environmental regulations (pesticide usage) have created many management problems. The farmers lack the skills needed to analyze these changes relative to: combination of crops produced; land use and total income; diversification strategies to maximize the land, labor and capital. Finally, they lack skills in keeping and analyzing farm records to make farm decisions.

**Stakeholder Input Process.** Southern University Cooperative Extension Program bridge existing educational gaps, so that farmers, homemakers, families, youth and communities will acquire knowledge, skills, and behavioral abilities needed to improve the quality of their lives and environment. For years the primary source for stakeholder participation was the use of subject-matter advisory committees at the local level and while this method has provided SUCEP with capacity to develop educational programs that meet the needs of Louisiana residents in designated parishes. For this plan of work additional approaches such as town meetings, survey, and personal contact have been used to identify critical issues and concerns of Louisiana residents. The survey was completed with the Southern University College of Agriculture, Family and Consumer Sciences. The survey was mailed to a sample of Louisiana Extension agents. Results will be presented as a publication to be disseminated by the College for future use.

**Performance Goal 4.1:** Farmers adopt recommended variety selection, weed and insect control practices in crop production.

**Key Program Component(s)**

(For Adult and Youth Audiences)

Result demonstration

Bulletins

Circular Letters

Training Session

Market Analysis

Field Days

Farm visits

## State Homemakers and Farmers Exposition

### **Internal and External Linkages**

Southern University

College of Agriculture, Family and Consumer Sciences

Colleges of Business,

Southern University Law Center

Southern University Center for Rural & Small Business Development

Louisiana State University Cooperative Extension Services Louisiana

Department of Agriculture

Department of Economic Development

Department of Environmental Quality

### **Target Audiences:**

Small part-time farmers

### **Evaluation Framework** (Establish baseline information)

Follow-up survey will be conducted each year to determine changes in participation. Impact studies will be conducted to determine the percent of limit resources farmer.

### **Output Indicators**

Total number of person completing non-formal educational programs on sustainable practices and methods that work on a small scale farm operation.

### **Outcome Indicators**

Increase networking among farmers.

Increase distribution of resources among farmers.

Increase yield production

### **Program Duration**

Intermediate: 5 years

### **Allocated Resources(both performance goal):**

**HUMAN:** Specialist (1 FTE)

**FISCAL:** A minimum of \$175,000.00 will be allocated to this national goal. Expenses include salaries/fringe benefits for state office staff and agriculture field staff; student labor, travel, materials and supplies, contractual services and other operational expenses.

**PROJECTED COST OF EXTENSION PROGRAM  
(5 YEARS)**

<b>FY</b>	<b>Federal</b>	<b>State Match</b>	<b>Total</b>
2000	\$1750,000	-0-	175,000
2001	175,000	78,750	253,750
2002	175,000	87,500	262,500
2003	175,000	87,500	262,500
2004	175,000	87,500	263,500
<b>TOTAL</b>	<b>1,000,000</b>	<b>341,250</b>	<b>1,516,250</b>

**NOTE:** Request for a waiver of the state match for the federal fiscal year 1999-2000. The match of 45%(2001) and 50% thereafter is required.

**Education and Outreach Programs:**

- Workshops on best production practices
- Community Gardens
- Radio Program
  - Water Quality and Contamination
- Horticulture Hints (newsletter)
- Roadside Marketing
- Plant Health Clinic

**GOAL FIVE: Enhanced economic opportunity and quality of life for Americans.**

**Statement of Issue:** Louisiana, like other Southern states, has seen a shift in population from rural to a more urban population. The economic and community development program is concentrated in communities with large numbers of small/part-time farmers, minorities, and limited resource families. These citizens tend to be less educated and unable to participate in many of the opportunities of mainstream America. Louisiana society continues to suffer both economically and socially because of the depressed petroleum and agriculture industries. Overall, unemployment tends to be high, especially for minority and other under-represented populations. Many of the citizens live in substandard housing and attend inadequate schools. Also, many of the more aggressive citizens continue to migrate in search of a better quality of life, leaving a group of citizens and leaders who lack the skills to deal with current issues/needs. This situation makes it difficult to attract new businesses.

The population of Louisiana was 4,219, 973 persons in 1990, and of this 1,227,269 (29.1%) were less than 18 years of age. Approximately 15% of teenagers in Louisiana dropout of school while the percent for the United States is less than 10%. Youth violence, lack of adequate food clothing and shelter, teen pregnancy, lack of health care are risks factors that impact the economic development of the community. Youth development research indicates the need for

character and value education, the importance of youth involvement in families and communities, and the importance of civic and citizenship education to the long-term positive development of youth. Through SUCEP educational program, youth, families and communities develop and implement strategies that support and encourage a caring community. Additionally, research support the notion that education is one of the most cost effective mechanism to introduce positive reinforcement that impact youth development; thus providing an opportunity the youth to become productive citizens.

**Stakeholder Input Process.** Southern University Cooperative Extension Program bridge existing educational gaps, so that farmers, homemakers, families, youth and communities will acquire knowledge, skills, and behavioral abilities needed to improve the quality of their lives and environment. For years the primary source for stakeholder participation was the use of subject-matter advisory committees at the local level and while this method has provided SUCEP with capacity to develop educational programs that meet the needs of Louisiana residents in designated parishes. For this plan of work additional approaches such as town meetings, survey, and personal contact have been used to identify critical issues and concerns of Louisiana residents. The survey was completed with the Southern University College of Agriculture, Family and Consumer Sciences. The survey was mailed to a sample of Louisiana Extension agents. Results will be presented as a publication to be disseminated by the College for future use.

**Performance Goal 5.1:** Communities and families enhance their own economic well-being to improve community involvement.

**Key Program Component (s)**

(For Adult and Youth Audiences)

Faith-Based Community Development Program

Community Workshops

Louisiana State Association of Community Economic Development (laced)

Technical Assistance Workshops

Small Business Development Seminars

Advisory Committee

State Homemakers and Farmers Exposition

**Internal and External Linkage**

Southern University

College of Agriculture, Family and Consumer Sciences

Colleges of Business,

College of Architecture

College of Engineering  
 Southern University Law Center  
 Southern University Center for Rural & Small Business Development  
 Southern University Capital Small Business Development Center  
 Louisiana State University Cooperative Extension Services  
 Louisiana  
   Department of Agriculture  
   Department of Economic Development  
   Department of Health and Hospital  
   Office of Rural Development  
   Governor Office of Urban Affairs  
   Department of Education  
   Department of Environmental Quality  
 Louisiana Association for Community Economic Development (Laced)  
 Local Nonprofit Organizations  
 Farmer Commodity Groups  
 Banking and other Financial Institutions  
 Louisiana Association of Nonprofit Organizations  
 National Congress for Community Economic Development  
 Faith Community Organization  
 Southern Rural Development Initiative  
 Mid-South Delta Consortium  
 Mid-South Dealt Initiative (Kellogg Foundation)  
 USDA Delta Combat

**Target Audience:**

Small scale farmers, minorities, faith-based organizations, community based organizations, and low-income families.

**Evaluation Framework:** (Establish Baseline Data)

Extension project records and attendance reports will be reviews to determine the number of low income and nonprofit organizations participating. Follow-up surveys will be conducted each year to determine changes in participation and in needs.

**Output Indicators:**

Total number of person completing non-formal educational programs on  
 Total number of participants engaged in community economic development programs.  
 Total number of participants meeting or exceeding their goal of a housing development project.  
 Total number of participants meeting or exceeding their goal of economic development project.  
 Total number of nonprofit organizations formed to combat housing and community development needs.

Total number of partnerships formed Statewide and regional.  
Total Number of New Businesses Formed  
Total number of loans provided for small businesses development  
Total number of new jobs created

**Outcome Indicators:**

Increase in the number of successful organizations who completed projects

Increase in the number of jobs created

Increase in the number of partnerships formed

**Program Duration**

Intermediate: 5 years

(External funding sources has provide significant enhancement of the programs.)

**Allocated Resources(both performance goal):**

**HUMAN:** Specialist (1 FTE)

**FISCAL:** A minimum of \$200,000.00 will be allocated to this national goal. Expenses include salaries/fringe benefits for state office staff and agriculture field staff; student labor, travel, materials and supplies, contractual services and other operational expenses.

**Performance Goal 5. 2:** Youth will be provided with viable alternatives by getting involved in learning and developing skills needed to cope with societal problems.

**Key Program Component(s)**

(For Adult and Youth Audiences)  
Livestock, Poultry and Rabbit Show  
Youth Educational Support After School Program  
Parish Achievement Days  
Science Fairs  
State Homemakers and Farmers Exposition

**Internal and External Linkages**

Southern University  
    College of Agriculture, Family and Consumer Sciences  
    Center for Social Research  
Louisiana State University Cooperative Extension Service  
Local elementary and high school  
Local Head Start Program  
Local Public Housing Authority  
Agricultural Commodity Groups  
Department of Social Services  
Louisiana Children Trust Fund  
Louisiana Public Broadcasting  
Louisiana  
    Department of Agriculture  
    Department of Economic Development  
    Department of Health and Hospital  
    Office of Rural Development  
    Department of Education

**Target Audiences**

Limited resource families with children in both rural and urban communities

**Evaluation Framework** (Establish baseline information)

Follow-up survey will be conducted each year to determine changes in participation. Impact studies will be conducted to determine the percent of limit resources farmer

**Output Indicators**

Total number of person completing non-formal educational programs on  
Total number of families enrolled in the YES Program  
Total number of youth enrolled in the Livestock Program

**Outcome Indicators**

Reduced retention and expulsion rate among youth.

Increased number of utilizing obtained skills

Increased number of youth participating in outreach programs.

**Program Duration**

Intermediate: 5 years

**Allocated Resources(both performance goal):**

**HUMAN:** Specialist (1 FTE)

**FISCAL:** A minimum of \$275,547.00 will be allocated to this national goal. Expenses include salaries/fringe benefits for state office staff and all field staff (agriculture agents and home economist), student labor, travel, materials and supplies, contractual services and other operational expenses.

**PROJECTED COST OF EXTENSION PROGRAM  
( 5 YEARS)**

<b>FY</b>	<b>Federal</b>	<b>State Match</b>	<b>Total</b>
2000	\$275,547	-0-	\$275,547
2001	275,547	123,996	399,543
2002	275,547	137,773	413,320
2003	275,547	137,773	413,320
2004	275,547	137,773	413,320
<b>TOTAL</b>	<b>\$1,377,735</b>	<b>\$523,537</b>	<b>\$2,190,597</b>

**NOTE: Request for a waiver of the state match for the federal fiscal year 1999-2000. The match of 45%(2001) and 50% thereafter is required.**

**Education and Outreach Programs (both performance goals):**

The Youth Educational Support After School Program (YES) is located in eleven parishes. The program present information on the importance of learning and how to work together as a family to maintain a home environment that promotes learning.

The Building Opportunity for Leadership Development (BOLD) is implemented in rural communities to enhanced leadership skills of lay leaders.

The Southern University Livestock Show allow youth to learn leadership and



accountability skills as well as the acquisition of technical knowledge about animal production.

SUCEP and the Center for Rural and Small Business Development provide technical assistance to assist clients with services such as marketing surveys, business plans, and other managerial skills.

### **III. Program Review Process**

There are no multi-institutional or multi-state programs supported by federal funds Section 1444(1890 Extension) at the time of this POW. Informational meetings have been held to discuss the potential of such programs.

**Merit Review Process:** All programs/projects developed by the State Office Staff in conjunction with field staff will be pilot tested and revised based on input from participants and field staff. Prior to final revision of programs/projects, external agencies will be asked to review the program for consistency with the goals of the Cooperative Extension Program. A committee will be appointed prior to October 1, 1999 to further develop procedural policy for the merit review process.

