

2011 Prairie View A&M University Extension Plan of Work

Status: Accepted

Date Accepted: 06/16/2010

I. Plan Overview

1. Brief Summary about Plan Of Work

Plan of Work Summary &ndash Economic Growth and Development 602 Business Skills for Entrepreneurs &ndash 100%

This program provides technical and educational assistance to low-income, agricultural and traditional business clientele to help them establish, maintain and expand their businesses. The program also facilitates the creation of additional jobs.

Plan of Work Summary &ndash Housing 804 Residential Housing 100%

This program provides assistance to low-income families and individuals to help them acquire standard and improved housing. County staff will receive training in housing at the state level in addition to becoming knowledgeable of local programs. Educational programs will be conducted in the counties, and one-on-one assistance will be provided for those requiring additional help such as credit counseling and completing loan applications.

Plan of Work Summary &ndash Community Development 805 Community Institutions, Health and Social Services 100%

This planned program addresses needs in low-income, rural communities and small towns. Some of the same problems that exist in low-income, rural communities also exist in small towns. There is a need to acquire, maintain and improve community facilities. Specifically volunteer fire and health departments, rural water systems, community centers, parks, marketing facilities, etc. were identified as needs. Also, community beautification and cleanup were ranked very high as needs. This program will assist low-income, rural communities and small towns in addressing many of the needs that have been identified.

Plan of Work Summary - 4-H Career Development, Work-Force Preparation and Youth Entrepreneurship Program

806 Youth Development (50%) 608 Community Resource Planning and Development (50%)

This program provides career development, work-force preparation and entrepreneurship training to youth, ages 8 to 19, from underrepresented and underserved families in 18 rural and urban counties. Youth involved in this program will be afforded an opportunity to explore career opportunities while learning and applying sound work ethics, job readiness skills, agriculture and related careers, business enterprise, ownership and management. Youth will learn to set career goals while building their self-esteem, self-confidence and develop resources for college and career transition thru research-based principles.

Plan of Work Summary - 4-H Leadership and Civic Engagement Program 806 Youth Development (50%) 608 Community Resource Planning and Development (50%)

This 4-H Leadership Program will offer training(s) and opportunities for underrepresented and underserved youth served in 18 Texas counties. Training sessions will assist youth in identifying leadership abilities, civic engagement, social and moral consciousness, while developing personal competencies. Youth will participate in leadership workshops/seminars, and trainings conducted by trained adult leaders that will enhance character development, promote values, independence, personal and civic responsibilities. Youth and adult partnerships will work collaboratively on public or social concerns to impact their community as well as work cooperatively on a common goal. Participation in these trainings/seminars will result in youth serving in key leadership roles in their communities.

Plan of Work Summary - 4-H & Youth Life Skills, Health, Wellness & Personal Safety 806 Youth Development (60%) KA 802 Human Development and Family Well-being (40%)

This program provides life skills, health, wellness and personal safety trainings/seminars to youth ages 8 to 19, from underrepresented and underserved families in 18 rural and urban counties. Youth involved in this program will be provided an opportunity for mastering social competencies, while strengthening their self-esteem, self-confidence, self-reliance, social engagement and interaction skills and ability to make healthy and responsible life choices. Youth will also learn to make dietary and physical fitness selections that will contribute to the overall wellness and mental acuity, psycho-social, emotional, physical and cognitive well being.

Plan of Work Summary - Natural Resources, Water and the Environment

102 Soil, Plant, Water and Nutrient Relationships &ndash 60%

111 Conservation and Efficient Use of Water &ndash 20%

123 Management and Sustainability of Forest Resources &ndash 20%

Programs conducted by the Cooperative Extension Program at Prairie View A&M University will be geared towards the needs of small scale and limited resource farmers and will focus on soil testing, nutrient management in the soil, reducing nutrient run-off, water conservation, quality, and rights, and forest stewardship practices utilized by private forest landowners.

In the area of Soil, Plant, Water and Nutrient Relationships, the Cooperative Extension Program will assist small scale agricultural producers by conducting educational programs focusing on the importance of soil testing as well as hands-on demonstrations on the correct way to take soil samples to be tested. These educational programs will also focus on nutrient management in the soil and ways to reduce nutrient run-off into various water sources.

The Cooperative Extension Program will conduct programming in the areas of Conservation and Efficient Use of Water for small scale and limited resource farmers. These educational programs will focus on best management practices (BMPs) to conserve water and determine water quality. These educational programs will also include information on water rights as they relate to private landowners as well as defining water districts and their role in assisting private landowners. Additionally, educational programs will be conducted focusing on rainwater harvesting.

Educational programs in the area of Management and Sustainability of Forest Resources will focus on limited resource producers gaining an understanding of timber management and BMPs for forestry and bidding out and marketing timber.

Plan of Work Summary - Small Farm Financial Management and Marketing

601 Economics of Agricultural Production and Farm Management &ndash 50%

602 Business Management, Finance and Taxation &ndash 25%

604 Marketing and Distribution Practices &ndash 25%

Programs conducted by the Cooperative Extension Program at Prairie View A&M University will be geared towards the needs of small scale and limited resource farmers and will focus on farm financial management, business planning and the marketing of agricultural products.

In the area of Economics of Agricultural Production and Farm Management, the Cooperative Extension Program will assist small scale agricultural producers by conducting economic analysis that will assist them to be economically profitable and sustainable. Educational programs focusing on strategies for farm profitability and sustainability will be developed and used in the delivery of extension programs to small scale and limited resource farmers.

The Cooperative Extension Program will conduct programming in the areas of farm and home planning including farm income, debt and spending as it addresses the area of Business Management and Finance, Risk Management and Taxation. Educational programs, events, activities and technical assistance will be developed and implemented to address the relevant issues and needs of limited resource farm families.

Educational programs focusing on alternative and niche markets will be provided to small scale and limited resource agricultural producers. Information about selling high quality products at the local and regional levels will be addressed. Other items included in the area of marketing and distribution practices will focus on gaining an understanding of the agricultural distribution network, better understanding of economic policy and the role that family farms play in the global marketing of agricultural products.

Plan of Work Summary - Sustainable Agriculture Production Systems**102: The determination of relationships between plants and such growth factors as soil, water and nutrients.****205: Evaluation of crop management practices that could enhance plant growth and development.****211: Identification of different measures for controlling horticultural plant pests.****301: Reproduction Performance of Animals****303: Generic Improvement of Animals**

This program will focus on developing a sustainable farming operations focusing on small scale family farms and farmers that are socially disadvantaged. The purpose is to ensure that these agricultural operations are not only profitable but that they are also friendly to the community and the environment.

In general, these alternatives and sustainable production practices could enhance profitability of farming operations and minimize fluctuation in farm income to improve the economic well being which may improve the quality of life of limited-resource farmers.

Plan of Work Summary - Human Nutrition**KA 703. Nutrition Education and Behavior**

This program provides technical and educational information to limited resource families and individuals to help them understand the importance of nutrition and diet. Research based information will also expand their knowledge and empower them to make better choices for their overall well being.

Plan of Work Summary - Families, Youth and Communities**KA 801 Individual and Family Resource Management**

This program provides limited resource families with information to develop an understanding of how individuals and families obtain and use resources of time, money and human capital to achieve their standard of living and overall quality of life.

Plan of Work Summary - Families, Youth and Communities**KA 802 Human Development and Family Well-being - 100%**

This program provides educational and technical information to limited resource families to strengthen family systems and resiliency. This program engages parents and their children in informal learning activities and guidance to access available resources.

Estimated Number of Professional FTEs/SYs total in the State.

Year	Extension		Research	
	1862	1890	1862	1890
2011	0.0	68.0	0.0	0.0
2012	0.0	68.0	0.0	0.0
2013	0.0	68.0	0.0	0.0
2014	0.0	68.0	0.0	0.0
2015	0.0	68.0	0.0	0.0

II. Merit Review Process**1. The Merit Review Process that will be Employed during the 5-Year POW Cycle**

- Internal University Panel

2. Brief Explanation

Cooperative Extension Program Administrative Leaders serve as merit reviewers for the Federal Plan of Work, the Federal Report of Accomplishments and Results, and associated grants and contracts. The team is comprised of senior administrative staff and program leaders. This leadership is responsible for the oversight and management of all programs conducted by Extension staff members.

III. Evaluation of Multis & Joint Activities

1. How will the planned programs address the critical issues of strategic importance, including those identified by the stakeholders?

The planned programs resulted from the program development process. These programs were developed based on the critical issues and problems that were identified as priority and needing to be addressed.

Each program addresses issues and problems that ranked high among stakeholders in the program development process. The Extension Program Council in each county, which is composed of program committees and task forces, directs county staff in developing annual performance plans or plans of work. These plans support, or, in most instances coincide with many of the state planned programs and address other local issues and problems of strategic importance.

2. How will the planned programs address the needs of under-served and under-represented populations of the

The planned programs of the Cooperative Extension Program at Prairie View A&M University are targeted to reach under-served and under-represented populations, and results will be based on the needs of these populations. Evidence will show the significant impacts made in addressing many of the priority needs of clientele in these groups. In addressing the needs, clientele will show desired changes and improvement in their quality of life. Clientele will also show positive changes in behavior and attitude; adopt recommended practices; increase household and farm incomes; improve living conditions and improve health status. Additionally, clientele will enhance their neighborhoods, communities and overall situation through impact indicators included within the planned programs.

3. How will the planned programs describe the expected outcomes and impacts?

For each planned program, assumptions are made and indicators of results are developed. These indicators of results include both outputs and outcomes which are expectations of the programs for staff and clientele. The program leaders and content specialists will meet with respective staff members to thoroughly discuss each planned program.

4. How will the planned programs result in improved program effectiveness and/or efficiency?

Within the meetings of the program leaders with their respective staff members, discussions will take place on the expectations and implementation of the planned programs. Program leaders will thoroughly cover each planned program and identify resources that the county staff can draw on to assist with conducting some of the activities. The planned programs were not developed with the intent that the 1890 Extension staff will provide all of the educational assistance. Other institutions, agencies and organizations will be involved in the implementation of the planned programs. This approach will increase staff members understanding of the planned programs and will involve outside resources resulting in improved effectiveness and efficiency.

IV. Stakeholder Input

1. Actions taken to seek stakeholder input that encourages their participation

- Use of media to announce public meetings and listening sessions
- Targeted invitation to traditional stakeholder groups
- Targeted invitation to non-traditional stakeholder groups
- Targeted invitation to traditional stakeholder individuals
- Targeted invitation to non-traditional stakeholder individuals

Brief explanation.

The Cooperative Extension Program (CEP) uses multiple methods to reach stakeholder groups within the State of Texas. Open forums are used at the county level to solicit input from clientele. Stakeholder input also comes from local clientele, commodity/special interest groups, county committees, and elected officials. Staff members also monitor trend data and emerging issues.

2(A). A brief statement of the process that will be used by the recipient institution to identify individuals and groups stakeholders and to collect input from them

1. Method to identify individuals and groups

- Use Advisory Committees
- Open Listening Sessions
- Needs Assessments
- Other (Meetings with stakeholder groups.)

Brief explanation.

The basis for Texas Extension's relevance in the State of Texas is grassroots involvement. Texas Extension engages the local Leadership Advisory Board in validation of issues in identifying new and emerging issues. These sessions are conducted every other year and are held in conjunction with Texas AgriLife. Information from other stakeholders is obtained in various ways. Regular meetings are held with various commodity and interest groups. These groups provide input into programmatic decisions including development of new efforts, modification of existing efforts, and termination of programs that are no longer relevant. Finally, various subject matter groups employ the use of surveys and other needs assessment processes to gain information specifically about their subject area. Data from these processes are used to develop programs to address issues.

2(B). A brief statement of the process that will be used by the recipient institution to identify individuals and groups who are stakeholders and to collect input from them

1. Methods for collecting Stakeholder Input

- Meeting with traditional Stakeholder groups
- Meeting with traditional Stakeholder individuals
- Meeting with the general public (open meeting advertised to all)
- Meeting with invited selected individuals from the general public

Brief explanation.

Cooperative Extension uses various stakeholder assessment processes. Meetings with stakeholders who give their input are an ongoing part of the process. Also, surveys are conducted in the four areas in which Extension focuses including Agriculture & Natural Resources, Family & Consumer Sciences, Community & Economic Development and 4-H & Youth Development. Individuals who complete these surveys help to provide and determine the educational directions for the state.

3. A statement of how the input will be considered

- To Identify Emerging Issues
- Redirect Extension Programs

Brief explanation.

Data from the various stakeholder input processes are used to direct programming efforts at the local, district, regional, and state levels. Validation of issues is determined by leadership groups bi-annually. This process determines the future of new program focus or continuation of existing program thrusts. The Leadership Advisory Board (LAB) is involved to ensure that local needs are addressed with relevant educational methods. Other advisory groups also support the validation of county issues process. Local and state staff develop action plans to address issues of importance.

V. Planned Program Table of Content

S. No.	PROGRAM NAME
1	4-H Leadership and Civic Engagement Program
2	4-H & Youth Life Skills
3	4-H Career Development, Work-Force Preparation and Youth Entrepreneurship Program
4	Economic Growth & Development
5	Housing
6	Community Development
7	Sustainable Agriculture Production Systems
8	Small Farm Financial Management and Marketing
9	Natural Resources, Water and the Environment
10	Family Finance and Resource Management
11	Nutrition, Health and Wellness
12	Parenting Education and Family Life Skills
13	Human Health and Well-Being
14	4-H SET/STEAM (Science, Technology, Engineering, Agriculture & Mathematics)

V(A). Planned Program (Summary)**Program # 1****1. Name of the Planned Program**

4-H Leadership and Civic Engagement Program

2. Brief summary about Planned Program

This 4-H Leadership Program will provide training(s) and opportunities for limited-resource youth served in only 18 Texas counties. Training sessions will assist youth in identifying leadership abilities, civic engagement, social and moral consciousness, while developing personal competencies. Youth will participate in leadership workshops/seminars, and trainings conducted by trained adult leaders that will enhance character development, promote values, independence, personal and civic responsibilities. Youth and adult partnerships will work collaboratively on public or social concerns to impact their community as well as work cooperatively on a common goal. Participation in these trainings/seminars will result in youth serving in key leadership roles in their communities.

3. Program existence : Intermediate (One to five years)

4. Program duration : Medium Term (One to five years)

5. Expending formula funds or state-matching funds : Yes

6. Expending other than formula funds or state-matching funds : No

V(B). Program Knowledge Area(s)**1. Program Knowledge Areas and Percentage**

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
608	Community Resource Planning and Development		45%		
806	Youth Development		55%		
	Total		100%		

V(C). Planned Program (Situation and Scope)**1. Situation and priorities**

Rapid changes in society and adverse affects of risky environmental factors have influenced youth in communities in dramatic and unpredictable ways. Research has noted that the 21st century has been entered with a dramatic deficit of leaders. This deficit is not a deficit of leadership, but a deficit in leadership development. This lack of leadership skills is most noticeable in teens. In only 18 Texas counties, communities are facing the continued challenges of nurturing and sustaining leaders and positive role models. There is a growing awareness of youth potential for being capable individuals for taking on leadership roles, voicing opinions, identifying solutions and partnering with adults to create change to address the challenges faced by many Texas communities. Thus, limited resource youth often lack the opportunity to serve in leadership roles that provide them with meaningful experiences of feeling capable for holding these positions. There is a need to provide youth from diverse backgrounds with the necessary skills to assist them in becoming competent and confident contributors to society. Research notes that youth are capable of learning leadership skills and becoming socially conscious individuals. On the other hand, it has been noted by researchers that many limited resource youth feel unconnected to their community, are unaware of their leadership potential and lack positive adult mentorship opportunities. Thus, there is a growing need for developing young leaders to preserve and sustain communities, and improve the quality of life for both the community and themselves.

This program is designed to engage youth in learning concepts about membership and belonging, roles of leadership and leading, community service, partnering with adults, team work, decision-making, problem solving, reasoning and

communication. Also this program will develop personal qualities such as responsibility, self-esteem and integrity. Values of courage, community, commitment, fairness and justice will be explored in relation to problem solving.

2. Scope of the Program

- In-State Extension

V(D). Planned Program (Assumptions and Goals)

1. Assumptions made for the Program

This leadership program is based on the assumption that youth are capable of far more than society typically expects, and leadership development skills are learned. It is also assumed that membership has a positive influence on adolescent identity, confidence, and sense of community connectedness. This youth leadership program will allow youth to engage in collaborative actions and social causes, membership in groups, modeling leadership behavior through holding offices and leading others, and strengthen and connect service and civic engagement for community change.

Youth leadership development is a process that prepares youth to meet the challenges of adolescence and adulthood through a series of activities intended to help them become socially, morally, emotionally, physically and cognitively competent. Thus these competencies will be taught through a series of training sessions, group dialogue, service learning activities, becoming officers, partnering with adults, and engaging in civic and social causes. Volunteers (adults and teens) will be trained by extension agents to guide youth, and assist them to identify public issues/concerns, analyze strengths and weaknesses, and set and achieve community and personal goals.

2. Ultimate goal(s) of this Program

Expose limited resource youth to leadership opportunities, service learning governance, youth and adult partnerships, and volunteerism

Create stability in a community by providing skilled and talented, self confident, self-sufficient, self-actualization and generally reliable youth to create opportunities to revitalize the communities in which they reside

Become stakeholders in the community through service learning

V(E). Planned Program (Inputs)

1. Estimated Number of professional FTE/SYs to be budgeted for this Program

Year	Extension		Research	
	1862	1890	1862	1890
2011	0.0	6.0	0.0	0.0
2012	0.0	6.0	0.0	0.0
2013	0.0	6.0	0.0	0.0
2014	0.0	7.0	0.0	0.0
2015	0.0	7.0	0.0	0.0

V(F). Planned Program (Activity)

1. Activity for the Program

Career Awareness Youth Leadership Laboratory

Educational leadership workshops
 Newsletters
 Club organizations
 Leadership camps, summits and retreats
 4-H clubs' officer trainings
 Adult leaders' institute
 Local, state and national leadership events (State and National Congress and Conference)

2. Type(s) of methods to be used to reach direct and indirect contacts

Extension

Direct Methods	Indirect Methods
• Workshop • Group Discussion • One-on-One Intervention • Demonstrations • Other 1 (Leadership Laboratory) • Other 2 (Educational Tours)	• Public Service Announcement • Newsletters • Web sites

3. Description of targeted audience

Limited-resource youth, ages 8 thru 19
 Limited-resource adult volunteers

V(G). Planned Program (Outputs)

1. Standard output measures

Target for the number of persons(contacts) to be reached through direct and indirect contact methods

	Direct Contact Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Year	Target	Target	Target	Target
2011	900	2800	3800	10500
2012	900	2800	3800	10500
2013	900	2800	3800	10500
2014	900	2800	3800	10500
2015	900	2800	3800	10500

2. (Standard Research Target) Number of Patent Applications Submitted

2011:0

2012:0

2013:0

2014:0

2015:0

3. Expected Peer Review Publications

Year	Research Target	Extension Target	Total
2011	0	0	0

Year	Research Target	Extension Target	Total
2012	0	0	0
2013	0	0	0
2014	0	0	0
2015	0	0	0

V(H). State Defined Outputs**1. Output Target**

- Leadership trainings for adult leaders.
Train adult leaders to work with youth.
Train youth.
Conduct a Career Awareness & Youth Leadership Laboratory.
Conduct educational leadership workshops.
Develop newsletters.
Organize youth into groups and clubs.
Implement leadership camps and retreats.
Involve youth in 4-H clubs officer trainings.

2011:550**2012:550****2013:550****2014:550****2015:0**

V(I). State Defined Outcome

O. No.	Outcome Name
1	youth adopt leadership skills, youth serve as 4-H officers, youth serve on a community board, youth and adult partnerships form, youth participate in an organized club/group, youth change behaviors and gain a sense of belonging

Outcome # 1

1. Outcome Target

youth adopt leadership skills,
youth serve as 4-H officers,
youth serve on a community board,
youth and adult partnerships form,
youth participate in an organized club/group,
youth change behaviors and gain a sense of belonging

2. Outcome Type : Change in Action Outcome Measure

2011:2300	2012:2300	2013:2300	2014:2300	2015:0
------------------	------------------	------------------	------------------	---------------

3. Associated Knowledge Area(s)

- 806 - Youth Development

4. Associated Institute Type(s)

- 1890 Extension

V(J). Planned Program (External Factors)

1. External Factors which may affect Outcomes

- Economy
- Appropriations changes
- Competing Public priorities
- Competing Programmatic Challenges
- Populations changes (immigration, new cultural groupings, etc.)
- Other (social environmental changes)

Description

Changes in funding as well as the population will affect outcomes of the program.

V(K). Planned Program (Evaluation Studies and Data Collection)

1. Evaluation Studies Planned

- After Only (post program)
- Retrospective (post program)
- Before-After (before and after program)

Description

Pre and post test as well as comparisons between participants will be used.

2. Data Collection Methods

- Sampling
- Mail
- On-Site
- Observation

- Tests
- Other (surveys and monthly reports)

Description

Data will be collected from participants using several methods including surveys, observation and sampling of the population.

V(A). Planned Program (Summary)**Program # 2****1. Name of the Planned Program**

4-H & Youth Life Skills

2. Brief summary about Planned Program

This program provides life-skills and health, wellness and personal safety training sessions/seminars and workshops for youth ages 8 to 19 from underrepresented and underserved youth in 18 rural and urban Texas counties. Youth involved in the program will be provided an opportunity for mastering social competencies, while strengthening their self-esteem, self-confidence, self-reliance, social engagement and interaction skills and ability to make healthy and responsible life choice. Youth will also learn to make dietary and physical fitness selections that will contribute to the overall wellness and mental acuity, psycho-social, emotional, physical and cognitive well being.

3. Program existence : Intermediate (One to five years)

4. Program duration : Medium Term (One to five years)

5. Expending formula funds or state-matching funds : Yes

6. Expending other than formula funds or state-matching funds : No

V(B). Program Knowledge Area(s)**1. Program Knowledge Areas and Percentage**

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
802	Human Development and Family Well-Being		40%		
806	Youth Development		60%		
	Total		100%		

V(C). Planned Program (Situation and Scope)**1. Situation and priorities**

In every Texas county where 1890 Cooperative Extension Program is implemented, it has been noted by the constituents from both rural and urban counties, that while their presence is highly regarded and their influence is positive, there still exists an ongoing and pervasive need for more educational programs and opportunities in the target area of life skill development and health education for children and youth. Census records indicate the number of youth in Texas has increased ten-fold over the last 50 plus years due largely to the growing Hispanic population. The youth population is comprised of youngster from increasingly diverse social linguistic, educational, economic and cultural backgrounds. Many of today's youth are faced with litany of societal pressures that result in problematic consequences stemming from a need to belong and be accepted. This leads to a greater number of poorly developed choice related risk factors (i. e., sexual pressures, drug abuse, teen violence, gang involvement, physical and emotional engagement abuse, crime, delinquency, bullying and etc.) and a growing diverse population and rapid changing social environment.

Also, Texas is also experiencing an epidemic of unhealthy issues among youth. According to the Texas Youth Risk Behavior Survey (YRSB) reported 16% of high school students were obese, 83% had unhealthy dietary behaviors, and 55% did not meet the daily recommended levels of physical activity (CDC, 2008). Due to the fact that children and adolescent obesity continues to grow, there is a need for youth to be exposed and engaged in experiential learning opportunities designed to increase awareness about healthy food choices and understand the relationship between fitness and wellness as factors to enhance overall health.

Parent, schools and communities are dealing with the social and behavior problems and health issues of youth at the most critical formative cycle of emotional engagement and values development in a changing world. The need for cultural relevant pedagogy, materials and programs to instill an understanding and appreciation for global community and as well as engaging in healthy practices is imminent if Texas is to continue to be a producer of productive and vital and health citizenry and remain a vital contender in the society.

2. Scope of the Program

- In-State Extension

V(D). Planned Program (Assumptions and Goals)

1. Assumptions made for the Program

The 4-H Life Skill Programs is designed to provide at-risk youth with cognitive and behavioral skills that will promote healthy life style choices, recognize and avoid unsafe situations and resist negative pressures. The program is built on the assumption that positive life skills enable individuals to adapt and deal effectively with the demands and challenges of life. The core life skills consist of decision making, solving problems and thinking critically and creatively; clarifying and analyzing values; communicating effectively; coping with emotions, stress and experiencing empathy; and self awareness. Youth will develop skills by participating in research based training sessions in groups through brainstorming, role playing, storytelling, debating, interactive and experiential learning activities. Trained Extension agents and volunteer leaders will conduct workshops with youth in the county, so that they can develop skills. This life skill program will assist youth in becoming resilient by developing positive interpersonal skills, accepting and respecting other cultures, advocacy, self- reliance, managing anger and aggression, resolving conflict, delaying the onset of sexual activity, abusive behaviors and relationships and creating positive traits of responsibility and independence that can transform into adulthood.

2. Ultimate goal(s) of this Program

To promote and teach a life skills and health programs to underrepresented and underserved youth that will enhance their ability to make responsible decisions that will ultimately foster healthier lifestyles and responsible communal interactions

To promote and teach youth health practices in dietary choices/selections and assist them in identifying methods to increasing physical exercise/ fitness to obtain ultimate health.

V(E). Planned Program (Inputs)

1. Estimated Number of professional FTE/SYs to be budgeted for this Program

Year	Extension		Research	
	1862	1890	1862	1890
2011	0.0	7.5	0.0	0.0
2012	0.0	7.5	0.0	0.0
2013	0.0	7.5	0.0	0.0
2014	0.0	7.5	0.0	0.0
2015	0.0	7.5	0.0	0.0

V(F). Planned Program (Activity)

1. Activity for the Program

The following program activities will be developed and conducted:

Summer camping program
 Educational workshops
 Newsletters
 4-H clubs/projects
 School enrichment programs
 Adult leader training(s)
 Develop new curriculum

2. Type(s) of methods to be used to reach direct and indirect contacts

Extension

Direct Methods	Indirect Methods
• Workshop • Group Discussion	• Public Service Announcement • Newsletters • Web sites

3. Description of targeted audience

Underrepresented and underserved youth ages 8 through 19
 Adult volunteers and parents

V(G). Planned Program (Outputs)

1. Standard output measures

Target for the number of persons(contacts) to be reached through direct and indirect contact methods

	Direct Contact Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Year	Target	Target	Target	Target
2011	400	1200	5300	16000
2012	400	1200	5300	16000
2013	400	1200	5300	16000
2014	400	1200	5300	16000
2015	450	1250	5350	16050

2. (Standard Research Target) Number of Patent Applications Submitted

2011:0

2012:0

2013:0

2014:0

2015:0

3. Expected Peer Review Publications

Year	Research Target	Extension Target	Total
2011	0	0	0
2012	0	0	0
2013	0	0	0

Year	Research Target	Extension Target	Total
2014	0	0	0
2015	0	0	0

V(H). State Defined Outputs**1. Output Target**

- Provide life skill development programs for youth.
Train adult leaders to implement life skill development programs for youth.
Conduct local and state summer camping programs with emphasis on life skill development for youth.

2011:245**2012:245****2013:245****2014:250****2015:250**

V(I). State Defined Outcome

O. No.	Outcome Name
1	Adopt healthy practices and behaviors. Change behaviors. Improved life skills.

Outcome # 1

1. Outcome Target

Adopt healthy practices and behaviors.
Change behaviors.
Improved life skills.

2. Outcome Type : Change in Action Outcome Measure

2011:3200

2012:3200

2013:3200

2014:0

2015:0

3. Associated Knowledge Area(s)

- 806 - Youth Development

4. Associated Institute Type(s)

- 1890 Extension

V(J). Planned Program (External Factors)

1. External Factors which may affect Outcomes

- Economy
- Appropriations changes
- Competing Public priorities
- Competing Programmatic Challenges
- Populations changes (immigration, new cultural groupings, etc.)
- Other (social environmental changes)

Description

Major changes in economy such as changes in state funding.

V(K). Planned Program (Evaluation Studies and Data Collection)

1. Evaluation Studies Planned

- After Only (post program)
- Retrospective (post program)
- Before-After (before and after program)

Description

Pre and Post tests will be used to collect data.

2. Data Collection Methods

- Sampling
- Mail
- On-Site
- Structured
- Observation
- Tests
- Other (survey and monthly reports)

Description

Surveys will be used to collect data. Other methods will include observation and monthly reports provided by county based staff members.

V(A). Planned Program (Summary)**Program # 3****1. Name of the Planned Program**

4-H Career Development, Work-Force Preparation and Youth Entrepreneurship Program

2. Brief summary about Planned Program

This program provides career development, work-force preparation and entrepreneurship training to youth, ages 8 to 19, from limited income families in targeted rural and urban counties. Youth involved in this program will be offered opportunities to explore career options while learning and applying sound work ethics, job readiness skills, agriculture and related careers, business enterprise, ownership and management. Youth will learn to set career goals, while building their self-esteem, self-confidence and develop resources for college and career transition thru research-based principles.

3. Program existence : Intermediate (One to five years)

4. Program duration : Medium Term (One to five years)

5. Expending formula funds or state-matching funds : Yes

6. Expending other than formula funds or state-matching funds : No

V(B). Program Knowledge Area(s)**1. Program Knowledge Areas and Percentage**

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
608	Community Resource Planning and Development		45%		
806	Youth Development		55%		
	Total		100%		

V(C). Planned Program (Situation and Scope)**1. Situation and priorities**

Due to a limited pool of qualified and trained workers for the projected career opportunities in service and related industries, the concern for creation of job opportunities and helping young people to acquire basic skills to explore technical and professional career opportunities is a significant issue for 18 Texas counties served by CEP. It is incumbent that the public and private sectors of society design and implement programs that train and educate youth in the skills that lead to productive and useful lives. This action will help break the cycle of abject poverty and subjugation to menial and unfulfilling jobs for youth. The health of the economy of each of these counties rests on the investment in the youth to stabilize financial systems and school resources to assure a robust future by attracting employers that rely upon a local pool of qualified applicants.

Negative or adverse economic conditions in rural, urban and inner city communities are complex, varied and exacerbated by teenage parents and single parent households. The lack of parental guidance and familial support, positive role models, school-drop out rate, juvenile recidivism, failure and inability to find jobs have caused large numbers of limited-resource youth to face economic disparity and peril related to hopelessness. Unfortunately, for the marginalized youth, the unemployment rate remains high and is an ever present reality. Inner-city and rural youth face similar challenges. The need to secure paid work is an economic factor. Family resources are limited as well as community support services infrastructure, position availability, structured volunteer and service learning opportunities, technical knowledge competencies and access to digital technology and mentoring. Limited-resource youth from distressed communities have fewer job opportunities due to a number of factors such as the lack of transportation, developmental social and technical skills and training in the basic fundamental pre-employment skills for successful negotiation of jobs. Thus, entry level jobs for youth are usually centered-around fast foods and retail industries that are concentrated in urban and suburban settings. With increasing frequency,

employment opportunities require completion of on-line employment applications, and this poses a challenge to communities where access to technology is limited. School settings are often the only source of Internet connectivity.

2. Scope of the Program

- In-State Extension

V(D). Planned Program (Assumptions and Goals)

1. Assumptions made for the Program

The 4-H Career Exploration, Work-Force Prep/Youth Entrepreneurship Program is designed to acquaint limited resource youth to pre-employment skills, career exploration and business ownership/enterprise. These trainings are aimed at promoting the concept of positive work ethics, while developing youths' technical, personal and social competencies so that they can gain experience within the workforce. Exposing youth to career development opportunities will enable them to identify and follow career paths that provide satisfaction and venues for entry and success with a range of preparation levels academically and socially. Youth will learn and model the core work-force skills, e.g., goal setting, career identification, resume writing, applying and job interviewing, telephone use, electronic and business etiquette, business ownership and management. Youth will also learn to master the following: managing resources, working with others, using information systems and technology, improving basic literacy and critical thinking skills, and personal self-efficacy. Youth will develop skills by participating in training sessions in groups through workshop discussions, educational site based tours, mentor shadowing, and experiential learning activities. Exposure to non-traditional work opportunities is an added benefit. In light of the challenges that marginalized youth face, this provides an opportunity to introduce career exploration, entrepreneurship concepts and principles to create opportunities or a position when traditional means fall short. Early exposure to career opportunities creates awareness and a positive outlook toward work ethics, social responsibility and educational goals and attainment related to careers. The CEP staff believes that students are better positioned to compete and succeed in the global economy when they are given the opportunity to acquire entrepreneurial knowledge and skills. Entrepreneurship provides youth with an alternative option towards business ownership and self-reliance. Job readiness training cannot be overlooked as youth are being prepared for the work-force of the future. Thus, training(s) and exposure in this area will provide youth with necessary skills, knowledge and abilities for a successful matriculation into the work-force. Extension agents and adult volunteers will provide work-force preparation, entrepreneurship and career development trainings for limited-resource youth.

The proposed program will rely on the assumption that success at work and success at school are closely linked and interdependent (Rhodes & French, 1999). Research notes that youth who are exposed to career opportunities, job readiness and youth entrepreneurship programs show improvement in their academic abilities (improvement in grades, attendance, graduation rates). Youth also become goal driven, develop complex decision-making skills, obtain the ability to develop positive interpersonal relationships, and become more responsible and self-sufficient (Larson, Tepper, & Brockman; 2002).

2. Ultimate goal(s) of this Program

The ultimate goals of this program are to expose limited resource youth to career opportunities, job readiness training, entrepreneurship and cultural capital development and foster meaningful mentoring and role model relationships to enhance their ability to make responsible decisions for a sustainable career path in a diverse society. Additional goals are to create stability in a community by providing skilled and talented, self confident, self-sufficient, and reliable youth to create opportunities to revitalize the communities in which they reside.

Another goal is to create citizen advocates that become stakeholders in the community through service learning, introspective, reflective and culturally enriching activities.

V(E). Planned Program (Inputs)

1. Estimated Number of professional FTE/SYs to be budgeted for this Program

Year	Extension		Research	
	1862	1890	1862	1890
2011	0.0	7.0	0.0	0.0
2012	0.0	7.5	0.0	0.0
2013	0.0	7.5	0.0	0.0
2014	0.0	7.5	0.0	0.0
2015	0.0	7.5	0.0	0.0

V(F). Planned Program (Activity)**1. Activity for the Program**

Career Awareness Youth Leadership Laboratory
 Educational job-readiness and entrepreneurship workshops
 Newsletters
 4-H clubs/ projects
 School enrichment programs on entrepreneurship
 Adult leader training(s)

2. Type(s) of methods to be used to reach direct and indirect contacts**Extension**

Direct Methods	Indirect Methods
• Workshop • Group Discussion • Other 1 (Laboratory) • Other 2 (Educational Tours)	• Public Service Announcement • Newsletters • Web sites

3. Description of targeted audience

Limited-resource youth, ages 8 through 19
 Adult volunteers and parents

V(G). Planned Program (Outputs)**1. Standard output measures**

Target for the number of persons(contacts) to be reached through direct and indirect contact methods

	Direct Contact Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Year	Target	Target	Target	Target
2011	235	700	4000	12000
2012	235	700	4000	12000

	Direct Contact Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Year	Target	Target	Target	Target
2013	235	700	4000	12000
2014	235	700	4000	12000
2015	240	700	4000	12000

2. (Standard Research Target) Number of Patent Applications Submitted**2011:0****2012:0****2013:0****2014:0****2015:0****3. Expected Peer Review Publications**

Year	Research Target	Extension Target	Total
2011	0	0	0
2012	0	0	0
2013	0	0	0
2014	0	0	0
2015	0	0	0

V(H). State Defined Outputs**1. Output Target**

- Provide job-readiness trainings and entrepreneurship trainings for youth.

Train adult leaders to implement job-readiness and entrepreneurship trainings for youth.

Conduct a three day career awareness laboratory targeting youth.

Conduct educational tours of businesses.

2011:140**2012:140****2013:140****2014:140****2015:0**

V(I). State Defined Outcome

O. No.	Outcome Name
1	Adopt core work-force skills and practices. Change in behaviors and attitude about work ethic. Identify career goals. Obtain summer employment or after school employment.

Outcome # 1

1. Outcome Target

Adopt core work-force skills and practices.
Change in behaviors and attitude about work ethic.
Identify career goals.
Obtain summer employment or after school employment.

2. Outcome Type : Change in Action Outcome Measure

2011:2250

2012:2250

2013:2250

2014:2250

2015:0

3. Associated Knowledge Area(s)

- 608 - Community Resource Planning and Development
- 806 - Youth Development

4. Associated Institute Type(s)

- 1890 Extension

V(J). Planned Program (External Factors)

1. External Factors which may affect Outcomes

- Economy
- Appropriations changes
- Competing Public priorities
- Competing Programmatic Challenges
- Populations changes (immigration, new cultural groupings, etc.)
- Other (social environmental changes)

Description

Major changes in the population and in funding will effect the outcomes of the program.

V(K). Planned Program (Evaluation Studies and Data Collection)

1. Evaluation Studies Planned

- After Only (post program)
- Retrospective (post program)
- Before-After (before and after program)

Description

Pre and post tests and surveys will be used to evaluate the program.

2. Data Collection Methods

- Sampling
- Mail
- On-Site
- Observation
- Tests

- Other (surveys and monthly reports)

Description

Population sampling as well as observations will be used to collect data for the program.

V(A). Planned Program (Summary)**Program # 4****1. Name of the Planned Program**

Economic Growth & Development

2. Brief summary about Planned Program

This program provides technical and educational assistance to low-income, agricultural and traditional business clientele to help them establish, maintain and expand their businesses. The program also facilitates the creation of additional jobs.

3. Program existence : Intermediate (One to five years)

4. Program duration : Long-Term (More than five years)

5. Expending formula funds or state-matching funds : Yes

6. Expending other than formula funds or state-matching funds : No

V(B). Program Knowledge Area(s)**1. Program Knowledge Areas and Percentage**

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
602	Business Management, Finance, and Taxation		100%		
	Total		100%		

V(C). Planned Program (Situation and Scope)**1. Situation and priorities**

In Texas, every county the 1890 Extension program serves has identified economic growth and development as an issue or problem. This was revealed through the program development process of long range planning. Stakeholders including clientele, community and county leaders, advisory committee members, and agency and organization representatives ranked this issue as priority for the 1890 Extension program to address. Business development activity lags in traditionally agricultural and natural resource dependent communities among low-income and underrepresented groups. This was ascertained by the Rural Business-Cooperative Service. This is also true in suburban and urban areas for these groups. Specific recommendations have been made to provide assistance to small farmers in helping them to establish, maintain and expand their farming operations in addition to providing technical assistance to traditional business owners and those wanting to start a business. These recommendations are expected to result in the improvement of economic conditions among the low-income and an increase in the number of jobs available to them.

Unemployment and poverty are major social problems in the United States in inner city and rural areas. Information taken from the 2002 Volume 48 issue of the *Consumer Interests Annual* says findings from the Self Employment Learning Program (SELP), a five year study conducted by the Aspen Institute of 405 very low to moderate income small business owners from seven micro enterprise development programs, show positive change over time in business profitability and expansion, income and welfare status. After the first year of the study, 46% of businesses showed profitable gains on a monthly basis, with 17% breaking even. Thirty-four percent employed additional people, thus creating jobs in their communities. After the fifth year of the study, 72% of poor micro entrepreneurs experienced gains in household income with an average change of \$8,484.00. More than half (53%) of poor entrepreneurs made enough gains to move out of poverty and an average of 61% of the poor decreased their reliance on government assistance. Survival rate of businesses was 49% after five years. Those whose businesses stayed open experienced more success in getting out of poverty compared to those whose businesses closed or chose wage employment alone.

2. Scope of the Program

- In-State Extension

V(D). Planned Program (Assumptions and Goals)

1. Assumptions made for the Program

Business development activity lags in traditional agricultural and natural resource dependent communities among low-income and underrepresented groups. This is also true in suburban and urban areas. Both county and headquarters staff will work together in implementing the program to address this issue. Most of the technical information will be provided by technical subject matter specialists and project personnel. However, county staff will also provide technical information and assistance. County staff and volunteers will be charged with the responsibility of identifying clientele, individuals and groups that are interested in receiving technical help in the areas of business development, maintenance and expansion. Technical assistance will be provided on an individual basis and in groups. Clientele receiving assistance will establish and maintain profitable businesses and create additional employment opportunities. Information taken from the 2002, Volume 48 issue of the "Consumer Interest Annual" says finding from the Self Employment Learning Program (SEL), a five year study conducted by the Aspen Institute of 405 very low to moderate income small business owners from seven micro enterprise development programs, show positive change over time in business profitability and expansion, income and welfare status. After the first year of the study, 46% of businesses showed profitable gains on a monthly basis. Thirty-four percent employed additional people, thus creating jobs in their communities. After the fifth year of the study, 72% of poor micro entrepreneurs experienced gains in household income with an average change of \$8,484.00. More than half (53%) of poor entrepreneurs made enough gains to move out of poverty. Researches in several fields show that micro enterprise development is an effective tool for building social and human capital towards poverty alleviation.

2. Ultimate goal(s) of this Program

Limited resource individuals and underrepresented groups in agriculture and natural resource dependent communities will establish, maintain, expand businesses and create additional jobs.

V(E). Planned Program (Inputs)

1. Estimated Number of professional FTE/SYs to be budgeted for this Program

Year	Extension		Research	
	1862	1890	1862	1890
2011	0.0	4.0	0.0	0.0
2012	0.0	4.0	0.0	0.0
2013	0.0	4.0	0.0	0.0
2014	0.0	4.0	0.0	0.0
2015	0.0	4.0	0.0	0.0

V(F). Planned Program (Activity)

1. Activity for the Program

Conduct educational programs

Conduct business development seminars

Provide one-on-one consultations

Assist communities in assessing their strengths and weaknesses

Conduct business development training

Assist clients with writing business plans

2. Type(s) of methods to be used to reach direct and indirect contacts

Extension

Direct Methods	Indirect Methods
• Workshop • Group Discussion • One-on-One Intervention	• Public Service Announcement • Newsletters • TV Media Programs • Web sites

3. Description of targeted audience

Low-income individuals, underrepresented groups, limited resource business owners and small farm and potential small farm producers.

V(G). Planned Program (Outputs)

1. Standard output measures

Target for the number of persons(contacts) to be reached through direct and indirect contact methods

	Direct Contact Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Year	Target	Target	Target	Target
2011	760	2800	200	1500
2012	760	2800	200	1500
2013	760	2800	200	1500
2014	760	2800	200	1500
2015	760	2800	200	1500

2. (Standard Research Target) Number of Patent Applications Submitted

2011:0

2012:0

2013:0

2014:0

2015:0

3. Expected Peer Review Publications

Year	Research Target	Extension Target	Total
2011	0	0	0
2012	0	0	0
2013	0	0	0

Year	Research Target	Extension Target	Total
2014	0	0	0
2015	0	0	0

V(H). State Defined Outputs**1. Output Target**

- Conduct educational programs on production, management and marketing for small farm producers.

Conduct business development seminars and workshops.

Provide one-on-one consultations for small business owners and aspiring entrepreneurs.

Assist clients in developing business plans.

2011:725**2012:725****2013:725****2014:725****2015:0**

V(I). State Defined Outcome

O. No.	Outcome Name
1	Business plans approved. New businesses started. Jobs maintained/saved. Jobs created. Businesses expanded. Youth maintaining businesses. Youth starting new businesses. Dollars saved. Businesses experiencing increased income. Loans and grants received.

Outcome # 1

1. Outcome Target

Business plans approved.

New businesses started.

Jobs maintained/saved.

Jobs created.

Businesses expanded.

Youth maintaining businesses.

Youth starting new businesses.

Dollars saved.

Businesses experiencing increased income.

Loans and grants received.

2. Outcome Type : Change in Action Outcome Measure

2011:375

2012:375

2013:375

2014:375

2015:0

3. Associated Knowledge Area(s)

- 602 - Business Management, Finance, and Taxation

4. Associated Institute Type(s)

- 1890 Extension

V(J). Planned Program (External Factors)

1. External Factors which may affect Outcomes

- Natural Disasters (drought, weather extremes, etc.)
- Economy
- Appropriations changes
- Government Regulations

Description

Hurricanes and droughts can effect the local economy and thus effect the program.

V(K). Planned Program (Evaluation Studies and Data Collection)

1. Evaluation Studies Planned

- After Only (post program)
- Before-After (before and after program)
- Other (Numbers from outcome indicators)

Description

Post test as well as participant comparisons will be used to evaluate the program.

2. Data Collection Methods

- On-Site
- Observation
- Other (Survey and monthly reports)

Description

Surveys and observation of participants will be the major forms of data collection.

V(A). Planned Program (Summary)**Program # 5****1. Name of the Planned Program**

Housing

2. Brief summary about Planned Program

This program provides assistance to low-income families and individuals to help them acquire standard and improved housing. The county staff will receive training in housing at the state level in addition to becoming knowledgeable of local programs. Educational programs will be conducted in the counties and one-on-one assistance will be provided for those requiring additional help such as credit counseling and completing loan applications.

3. Program existence : Intermediate (One to five years)

4. Program duration : Long-Term (More than five years)

5. Expending formula funds or state-matching funds : Yes

6. Expending other than formula funds or state-matching funds : No

V(B). Program Knowledge Area(s)**1. Program Knowledge Areas and Percentage**

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
804	Human Environmental Issues Concerning Apparel, Textiles, and Residential and Commercial Structures		100%		
	Total		100%		

V(C). Planned Program (Situation and Scope)**1. Situation and priorities**

The program development process identified housing as a critical issue in most parts of Texas. In the counties being served by the 1890 Cooperative Extension Program, there is a shortage of affordable housing and housing for the low-income. Most low-income families live in substandard housing except for those being supported by government housing assistance programs. Many low-income families are unaware of the various housing programs established to assist them in obtaining standard decent housing. Many low-income families that qualify for government assistance worsen their financial condition in obtaining better housing by not utilizing government assistance programs, and others continue to dwell in substandard housing.

Nearly 70% of Americans own their homes, a record high, but the rate of home ownership for working families with children is lower than in 1978, according to a study released by the Center for Housing Policy published in an article of USA Today. The surprising trend is being driven by a combination of factors: soaring housing costs that have over shot wage increases, higher health care bills and a rise in the number of single parents. Minority working families have struggled the most. Their home ownership rate has stagnated at 45%, far below white families (71%) as of 2003, the last year for which figures were available. The effects are even being felt in communities where teachers, police and firefighters can't afford to live in the communities where they work, if they want to own homes. The drop in home ownership rates for working families also has repercussion for their children Studies have shown that children of home owners are more likely to have behavior problems. Home ownership for working families is not the highest in the South. In the state of Arizona home prices have soared 49% since 2002, while income has risen an average of 3%. In essence, the study highlights a shortage of affordable housing. There are government assistance programs, but they have a diminishing influence on the housing market, reveals a report from the Joint Center for Housing Studies at Harvard University. Texas is among the states with the 10 lowest

homeownership rates in the nation.

2. Scope of the Program

- In-State Extension

V(D). Planned Program (Assumptions and Goals)

1. Assumptions made for the Program

The implementation of this state program will cause low-income individuals and families to acquire standard housing. County staff will receive state level training from agencies and organizations on housing programs that will benefit the low-income. The state staff will provide challenges and directives for county staff to address and implement. The county staff is expected to become knowledgeable of local housing programs and include this information in their housing education and assistance efforts. Volunteers will be asked to assist in identifying potential home owners and those that need improved housing. Counties will conduct housing fairs and other housing educational programs. Those needing assistance to complete housing applications will receive this from county staff. Credit counseling assistance will also be provided to help those that do not currently qualify for home loans to qualify in the future. The county staff will involve other agencies and organizations to conduct educational programs. Research has shown that the concept approach has been implemented in the past, currently and has proven to yield positive results.

2. Ultimate goal(s) of this Program

Low income individuals and families will acquire and maintain housing that meets approved government inspection standards.

V(E). Planned Program (Inputs)

1. Estimated Number of professional FTE/SYs to be budgeted for this Program

Year	Extension		Research	
	1862	1890	1862	1890
2011	0.0	3.0	0.0	0.0
2012	0.0	3.0	0.0	0.0
2013	0.0	3.0	0.0	0.0
2014	0.0	3.0	0.0	0.0
2015	0.0	3.0	0.0	0.0

V(F). Planned Program (Activity)

1. Activity for the Program

Conduct housing fairs and other educational programs and workshops
Provide one-on-one technical and educational assistance

2. Type(s) of methods to be used to reach direct and indirect contacts

Extension

Direct Methods	Indirect Methods
----------------	------------------

- Workshop
- Group Discussion
- One-on-One Intervention

- Public Service Announcement
- Newsletters
- TV Media Programs
- Web sites
- Other 1 (Exhibits)

3. Description of targeted audience

Low-income individuals and families
Extension educators

V(G). Planned Program (Outputs)

1. Standard output measures

Target for the number of persons(contacts) to be reached through direct and indirect contact methods

	Direct Contact Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Year	Target	Target	Target	Target
2011	1150	15000	0	0
2012	1150	15000	0	0
2013	1150	15000	0	0
2014	1150	15000	0	0
2015	1150	15000	0	0

2. (Standard Research Target) Number of Patent Applications Submitted

2011:0

2012:0

2013:0

2014:0

2015:0

3. Expected Peer Review Publications

Year	Research Target	Extension Target	Total
2011	0	0	0
2012	0	0	0
2013	0	0	0
2014	0	0	0
2015	0	0	0

V(H). State Defined Outputs

1. Output Target

- Provide families and individuals information on housing programs targeting low-income.

Provide assistance to low-income individuals and families needing help in completing housing loan applications.

County staff in 26 counties will conduct at least one housing program targeting low-income residents.

Conduct one state level training on housing for Extension staff.

2011:750	2012:750	2013:750	2014:750	2015:0
-----------------	-----------------	-----------------	-----------------	---------------

V(I). State Defined Outcome

O. No.	Outcome Name
1	Families and individuals will acquire housing that meets approved government inspection standards.

Outcome # 1

1. Outcome Target

Families and individuals will acquire housing that meets approved government inspection standards.

2. Outcome Type : Change in Condition Outcome Measure

2011:100

2012:100

2013:100

2014:0

2015:0

3. Associated Knowledge Area(s)

- 804 - Human Environmental Issues Concerning Apparel, Textiles, and Residential and Commercial Structures

4. Associated Institute Type(s)

- 1890 Extension

V(J). Planned Program (External Factors)

1. External Factors which may affect Outcomes

- Economy
- Appropriations changes
- Government Regulations

Description

Natural disasters such as hurricanes are external factors that can affect the outcome of the program.

V(K). Planned Program (Evaluation Studies and Data Collection)

1. Evaluation Studies Planned

- Comparisons between program participants (individuals, group, organizations) and non-participants

Description

Participant comparison will be used to evaluate the program.

2. Data Collection Methods

- On-Site
- Observation
- Other (surveys and monthly reports)

Description

On-site observation will be used to collect data. Surveys will also be conducted.

V(A). Planned Program (Summary)**Program # 6****1. Name of the Planned Program**

Community Development

2. Brief summary about Planned Program

This planned program addresses needs in low-income, rural communities and small towns. Some of the same problems that exist in low-income, rural communities also exist in small towns. There is a need to acquire, maintain and improve community facilities. Specifically volunteer fire and health departments, rural water systems, community centers, parks, marketing facilities etc. were identified as needs. Also, community beautification and cleanup were ranked very high as needs. This program will assist low-income, rural communities and small towns in addressing many of the needs that have been identified.

3. Program existence : Intermediate (One to five years)

4. Program duration : Long-Term (More than five years)

5. Expending formula funds or state-matching funds : Yes

6. Expending other than formula funds or state-matching funds : No

V(B). Program Knowledge Area(s)**1. Program Knowledge Areas and Percentage**

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
805	Community Institutions, Health, and Social Services		100%		
	Total		100%		

V(C). Planned Program (Situation and Scope)**1. Situation and priorities**

People residing in rural towns and neighborhoods have realized the importance of conducting clean-up, fix-up activities on a regular basis. A number of rural towns and communities have chosen to conduct community clean-ups at least two times a year. There are many advantages to maintaining attractive towns and neighborhoods. Published in the Window and State Government, Texas Comptroller of Public Accounts, are several success stories about small towns and neighborhoods attracting businesses, needed resources and people. County officials in Angelina County say attracting major employers is an indirect result of their focus on maintaining a clean, litter-free community. Bill Wellborn, president and CEO of the Lufkin/Angelina County Economic Development Partnership, says "to make a home for world-class companies you have to have a world-class community. If you look at trying to attract new business and industry, you need to have a clean and neat community. If you don't have those things in the decision-making process you never make it past the first visit." "First impressions mean a lot when a person is driving through your community and you have litter on your highway and don't have proper upkeep of your medians," says Melinda Kartye, Angelina Beautiful-Clean executive director. Clean, landscaped entrances to communities, well maintained streets, and manicured homes in neighborhoods can create a positive first impression for prospective employers.

Through the program development process, community development was identified as an area that needed to be addressed in low-income rural communities. Rural communities are unlike urban communities where, in most cases, needed resources and facilities are a part of the community infrastructure. Some of the rural communities' infrastructure and facilities are community driven and require the effort and support of community residents. Many of the rural communities are experiencing difficulty in obtaining and upgrading some of the basic needed resources. Some of those include rural water

systems, volunteer fire and safety departments, meeting and recreation facilities and marketing facilities. The communities in which the low-income reside are generally unsightly and require major work and the cooperation of residents to upgrade their status. That is the case in the counties where programs are implemented by 1890 Cooperative Extension. Residents are not motivated to maintain and improve their communities and consequently, the unsightliness and living conditions continue to worsen. The communities are plagued with debris, trash, tall weeds, unkempt lawns, unsightly homes that need repair and painting, etc. These communities usually lack educational and recreational activities for youth and adults. Crime is prevalent and on the rise in these communities. When indicators of a community in distress are routinely ignored, the community becomes a negative target for opportunists. Litter and illegal dumping are early indicators of a community in distress. It will not take long before outsiders think that the community has no "owners" or individuals concerned with its safety. It may appear to be abandoned by residents and local businesses. Graffiti vandalized vehicles and poorly maintained or abandoned buildings mark a neighborhood. What follow are rapid decay and a loss of community safety.

2. Scope of the Program

- In-State Extension

V(D). Planned Program (Assumptions and Goals)

1. Assumptions made for the Program

The implementation of this program is expected to make residents of small towns and rural low-income neighborhoods feel better about where they live. In working with county staff and local leaders, small towns and communities will organize and work on issues that are important to the community. Nearly all of the counties have identified community clean-up as one of the top issues to be addressed. Another issue that was identified is the acquisition and maintenance of communities and facilities. Unsightly communities will improve their appearance. Needed community facilities will be acquired, maintained and improved such as rural water systems, parks, community centers, volunteer fire departments, and farmers markets. Residents will adopt recommended practices for home owners such as carrying out timely lawn maintenance schedules, landscaping their homes, cleaning up unsightly debris, removing junk vehicles, and improving and maintaining the exterior of their homes. Some of the organized groups will apply for and receive their 501©3 status. This will put them in a position to apply for monies to further improve their community or small town. New businesses will locate in some of these rural areas, thus creating additional jobs or employment for community residents.

2. Ultimate goal(s) of this Program

Low-income communities/neighborhoods will acquire, maintain and enhance community facilities.

Community residents and leaders will become involved in activities that enhance their communities and their place of residence.

Communities will establish a crime watch program.

V(E). Planned Program (Inputs)

1. Estimated Number of professional FTE/SYs to be budgeted for this Program

Year	Extension		Research	
	1862	1890	1862	1890
2011	0.0	4.0	0.0	0.0
2012	0.0	4.0	0.0	0.0
2013	0.0	4.0	0.0	0.0
2014	0.0	4.0	0.0	0.0
2015	0.0	4.0	0.0	0.0

V(F). Planned Program (Activity)**1. Activity for the Program**

To accomplish the goals of this program, workshops and trainings will be conducted for both staff and clientele. Staff will conduct educational programs for clientele. One-on-one assistance will be provided to groups and community leaders.

2. Type(s) of methods to be used to reach direct and indirect contacts**Extension**

Direct Methods	Indirect Methods
• Workshop • Group Discussion • One-on-One Intervention	• Public Service Announcement • Newsletters • TV Media Programs • Web sites

3. Description of targeted audience

Low income community residents, low income neighborhoods, small town officials, community leaders

V(G). Planned Program (Outputs)**1. Standard output measures**

Target for the number of persons(contacts) to be reached through direct and indirect contact methods

	Direct Contact Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Year	Target	Target	Target	Target
2011	1400	17000	0	0
2012	1400	17000	0	0
2013	1400	17000	0	0
2014	1400	17000	0	0
2015	1400	17000	0	0

2. (Standard Research Target) Number of Patent Applications Submitted

2011:0

2012:0

2013:0

2014:0

2015:0

3. Expected Peer Review Publications

Year	Research Target	Extension Target	Total
2011	0	0	0
2012	0	0	0
2013	0	0	0
2014	0	0	0

Year	Research Target	Extension Target	Total
2015	0	0	0

V(H). State Defined Outputs**1. Output Target**

- Develop and conduct programs that promote community maintenance and improvement in counties.

Conduct in-service training for county staff on community beautification and enhancements.

Assist communities with receiving their 501c3 status.

Disseminate applicable information in rural communities needing facilities and facilities upgrades.

Provide technical assistance to communities when needed.

2011:900**2012:900****2013:900****2014:900****2015:0**

V(I). State Defined Outcome

O. No.	Outcome Name
1	People in communities will organize to enhance their communities and the place where they reside. Community residents will participate in community clean-up and fix-up activities. Families and individuals will adopt home beautification and maintenance practices. Community residents will establish and conduct programs that provide education recreation and a safe environment. Communities will establish rural water systems, and repair, upgrade and expand existing ones. Organized communities will acquire and maintain quality volunteer fire and safety departments. Communities will acquire facilities to conduct meetings and recreational and educational activities. Organized groups and individuals will establish facilities to market their products.

Outcome # 1

1. Outcome Target

People in communities will organize to enhance their communities and the place where they reside.

Community residents will participate in community clean-up and fix-up activities.

Families and individuals will adopt home beautification and maintenance practices.

Community residents will establish and conduct programs that provide education recreation and a safe environment.

Communities will establish rural water systems, and repair, upgrade and expand existing ones.

Organized communities will acquire and maintain quality volunteer fire and safety departments.

Communities will acquire facilities to conduct meetings and recreational and educational activities.

Organized groups and individuals will establish facilities to market their products.

2. Outcome Type : Change in Condition Outcome Measure

2011:825

2012:825

2013:825

2014:825

2015:0

3. Associated Knowledge Area(s)

- 805 - Community Institutions, Health, and Social Services

4. Associated Institute Type(s)

- 1890 Extension

V(J). Planned Program (External Factors)

1. External Factors which may affect Outcomes

- Economy
- Appropriations changes
- Government Regulations

Description

Changes in government regulations and changes in funding will affect the program outcomes.

V(K). Planned Program (Evaluation Studies and Data Collection)

1. Evaluation Studies Planned

- Comparisons between program participants (individuals, group, organizations) and non-participants
- Comparisons between different groups of individuals or program participants experiencing different levels of program intensity.
- Comparison between locales where the program operates and sites without program intervention

Description

A comparison among participants will be done.

2. Data Collection Methods

- On-Site
- Observation
- Other (surveys and monthly reports)

Description

Participant observation will be used to collect data.

V(A). Planned Program (Summary)**Program # 7****1. Name of the Planned Program**

Sustainable Agriculture Production Systems

2. Brief summary about Planned Program

This program will focus on developing a sustainable farming operation focusing on small scale family farms and farmers that are socially disadvantaged. The purpose is to ensure that these agricultural operations are not only profitable but that they are also friendly to the community and the environment.

In general, these alternatives and sustainable production practices could enhance profitability of farming operations and minimize fluctuation in farm income to improve the economic well being which may improve the quality of life of limited-resource farmers.

3. Program existence : Intermediate (One to five years)

4. Program duration : Long-Term (More than five years)

5. Expending formula funds or state-matching funds : Yes

6. Expending other than formula funds or state-matching funds : No

V(B). Program Knowledge Area(s)**1. Program Knowledge Areas and Percentage**

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
102	Soil, Plant, Water, Nutrient Relationships		25%		
205	Plant Management Systems		25%		
211	Insects, Mites, and Other Arthropods Affecting Plants		10%		
301	Reproductive Performance of Animals		25%		
303	Genetic Improvement of Animals		15%		
	Total		100%		

V(C). Planned Program (Situation and Scope)**1. Situation and priorities**

A majority of the agricultural producers that get assistance from the Cooperative Extension Program are small farmers with less than 50 acres of land. Many of these socially disadvantaged farmers work full time, and the farm is a second source of income. A low-input sustainable agricultural system is needed to assist these producers get optimum production in the most economical manner.

The South lends itself to many sustainable alternatives because of its mild climate and long growing season. Fruit and vegetable crop productions have been suggested as agricultural alternatives that could improve the income situation of small-scale farmers who utilize Cooperative Extension. Many of these individuals are limited resource farmers seeking methods to improve their crop production potential and profitability. Studies have shown that low-input, alternative agriculture using alternative crops and environmentally friendly production practices will enhance productivity without polluting the environment. Variety trials, fertilizer treatments and different cultural practices have been investigated to determine the relationship between plants and growth factors, appropriate crop management practices and

pest control. For small livestock producers, sustainable methods are being promoted that will assist these agricultural operations facing problems such as inadequate rotational grazing techniques, poor selection and management of breeding stock, and problems of controlling animal diseases and parasites.

2. Scope of the Program

- In-State Extension

V(D). Planned Program (Assumptions and Goals)

1. Assumptions made for the Program

This program assumes that with contributions from the Cooperative Extension staff, better production practices will be identified and used for the profitable production of fruits, vegetables, livestock and other alternative crops. To ensure full participation of the stakeholders, applied research will be conducted with socially disadvantaged farmers. This applied research will allow the farmers to work closely with Cooperative Extension staff while gaining hands-on experience in sustainable agriculture. This training will be in addition to the workshops, seminars and other educational programs provided to the farmers. The planning and execution of the plans will continue to be in collaboration with clientele.

2. Ultimate goal(s) of this Program

To train agricultural producers in the use of alternative enterprises and production systems that will help them maximize the quality and quantity of goods produced. The impact of different cropping/production systems and cultural practices will be used to increase farm profitability.

V(E). Planned Program (Inputs)

1. Estimated Number of professional FTE/SYs to be budgeted for this Program

Year	Extension		Research	
	1862	1890	1862	1890
2011	0.0	6.8	0.0	0.0
2012	0.0	6.8	0.0	0.0
2013	0.0	6.8	0.0	0.0
2014	0.0	6.8	0.0	0.0
2015	0.0	6.8	0.0	0.0

V(F). Planned Program (Activity)

1. Activity for the Program

Cooperative Extension will:

Conduct educational programs

Conduct subject matter workshops / field days / tours

Provide one-on-one technical assistance / consultations

Conduct training programs

Assist clients with development of farm plans

Hold on-farm demonstrations

2. Type(s) of methods to be used to reach direct and indirect contacts**Extension**

Direct Methods	Indirect Methods
• Education Class • Workshop • Group Discussion • One-on-One Intervention • Demonstrations	• Public Service Announcement • Newsletters • TV Media Programs • Web sites

3. Description of targeted audience

Small farmers; limited resource farmers; family farmers and socially disadvantaged farmers.

V(G). Planned Program (Outputs)**1. Standard output measures**

Target for the number of persons(contacts) to be reached through direct and indirect contact methods

	Direct Contact Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Year	Target	Target	Target	Target
2011	275	3200	110	275
2012	275	3200	110	275
2013	275	3200	110	275
2014	275	3200	110	275
2015	300	4000	200	300

2. (Standard Research Target) Number of Patent Applications Submitted

2011:0

2012:0

2013:0

2014:0

2015:0

3. Expected Peer Review Publications

Year	Research Target	Extension Target	Total
2011	0	0	0
2012	0	0	0
2013	0	0	0
2014	0	0	0
2015	0	0	0

V(H). State Defined Outputs

1. Output Target

- Conduct educational programs focusing on sustainable production practices in crops and livestock.

Provide one-on-one technical assistance/consultations.

Assist small scale and socially disadvantaged farmers with alternative marketing plans.

2011:250	2012:250	2013:250	2014:250	2015:0
-----------------	-----------------	-----------------	-----------------	---------------

V(I). State Defined Outcome

O. No.	Outcome Name
1	Program participants are expected to benefit from the educational training programs, workshops and technical assistance offered by extension service personnel. This will be measured by: number of farms adapting sustainable techniques for agricultural production, number of farms producing alternative crops, number of farms adopting new, sustainable management practices, number of farms participating in on-farm demonstrations in sustainable agriculture.

Outcome # 1**1. Outcome Target**

Program participants are expected to benefit from the educational training programs, workshops and technical assistance offered by extension service personnel. This will be measured by:

number of farms adapting sustainable techniques for agricultural production,

number of farms producing alternative crops,

number of farms adopting new, sustainable management practices,

number of farms participating in on-farm demonstrations in sustainable agriculture.

2. Outcome Type : Change in Knowledge Outcome Measure**2011:150****2012:150****2013:150****2014:150****2015:0****3. Associated Knowledge Area(s)**

- 102 - Soil, Plant, Water, Nutrient Relationships
- 205 - Plant Management Systems
- 211 - Insects, Mites, and Other Arthropods Affecting Plants
- 301 - Reproductive Performance of Animals
- 303 - Genetic Improvement of Animals

4. Associated Institute Type(s)

- 1890 Extension

V(J). Planned Program (External Factors)**1. External Factors which may affect Outcomes**

- Natural Disasters (drought, weather extremes, etc.)
- Economy
- Public Policy changes

Description

In recent years, disasters such as hurricanes and droughts have had major impacts on agriculture and on the economy in various parts of the state.

V(K). Planned Program (Evaluation Studies and Data Collection)**1. Evaluation Studies Planned**

- After Only (post program)
- During (during program)

Description

Pre and post tests, along with surveys will be conducted to collect data.

2. Data Collection Methods

- Mail
- On-Site
- Observation

Description

A data collection survey will be conducted during and at the end of each year. Additionally, data collected during the monthly report process from Extension personnel will be used.

V(A). Planned Program (Summary)**Program # 8****1. Name of the Planned Program**

Small Farm Financial Management and Marketing

2. Brief summary about Planned Program

Programs conducted by the Cooperative Extension Program at Prairie View A&M University will be geared towards the needs of small scale and limited resource farmers and will focus on farm financial management, business planning and the marketing of agricultural products.

In the area of Economics of Agricultural Production and Farm Management, the Cooperative Extension Program will assist small scale agricultural producers by conducting economic analysis that will assist them to be economically profitable and sustainable. Educational programs focusing on strategies for farm profitability and sustainability will be developed and used in the delivery of extension programs to small scale and limited resource farmers.

The Cooperative Extension Program will conduct programming in the areas of farm and home planning including farm income, debt and spending as it addresses the area of Business Management and Finance, and Taxation. Educational programs, events, activities and technical assistance will be developed and implemented to address the relevant issues and needs of limited resource farm families.

Educational programs focusing on alternative and niche markets will be provided to small scale and limited resource agricultural producers. Information about selling high quality products at the local and regional levels will be addressed. Other items included in the area of marketing and distribution practices will focus on gaining an understanding of the agricultural distribution network, better understanding of economic policy and the role that family farms play in the global marketing of agricultural products.

3. Program existence : Mature (More than five years)

4. Program duration : Long-Term (More than five years)

5. Expending formula funds or state-matching funds : Yes

6. Expending other than formula funds or state-matching funds : No

V(B). Program Knowledge Area(s)**1. Program Knowledge Areas and Percentage**

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
601	Economics of Agricultural Production and Farm Management		50%		
602	Business Management, Finance, and Taxation		25%		
604	Marketing and Distribution Practices		25%		
	Total		100%		

V(C). Planned Program (Situation and Scope)**1. Situation and priorities**

Agriculture is a major component of the economy in Texas. Texas has approximately 230 farms which sell approximately \$15,000,000 in agricultural products annually. Small and limited resource farms (e.g., farms generating less than \$10,000 in annual sales) constitute approximately 71.5% of these farms, according to the 2002 Census of Agriculture

(USDA, NASS, 2003).

Small and limited resource farmers are a large and important part of the state and national economy. Nearly 40% of the value of farm products produced in the United States is still generated by small farms. According to the 2002 U.S. Census of Agriculture, 39% of farms had sales of less than \$2,500. These farms are engaged in a variety of crop and livestock enterprises, including traditional field crops, beef, and new alternative crops targeted to niche markets. Small farmers have numerous challenges, some of which are due to the lack of size, lack of knowledge about enterprise selection appropriate to financial resources and lack of skills. The Cooperative Extension Program will continue to address problems associated with enterprise and market selection and optimal resource allocation in production and risk management. Furthermore, extension and outreach programs will be designed with the ultimate goal of enhancing the economic viability of small and limited resource farms and families. Some major factors affecting small farmers and ranchers are poor management skills, inability to maintain cash flow, past racial discrimination and lack of information to make informed decisions resulting in a lack of effective management. Therefore, farm business and financial management are needed to address these issues.

Small farm families face barriers to entry into commercial markets. These barriers are mainly due to the lack of knowledge of market structure requirements of values and size as well as market demand. These farm families lack knowledge of marketing strategies to enhance farm income.

2. Scope of the Program

- In-State Extension

V(D). Planned Program (Assumptions and Goals)

1. Assumptions made for the Program

Many small scale farmers and ranchers in Texas depend upon the technical assistance provided by Land-Grant institutions, non-profit groups, state and federal agencies. Small farmers and ranchers are continuing to experience financial difficulties which lead to bankruptcy, foreclosures and stressful emotional conditions.

The Cooperative Extension Program at Prairie View A&M University will continue to address these issues and focus on the needs of limited resource farmers. Focusing on these specific needs will help this audience improve their lives. By providing this type of assistance, it is assumed that farmers will be more profitable, decrease debt and improve business management skills. Improvements in these areas will help them to increase their chances of getting loans and other assistance made available by federal and state agencies.

2. Ultimate goal(s) of this Program

The overall, ultimate goal is to enhance the economic viability of small and limited resource farm families by strengthening their technical knowledge and skills and economic decision-making so that they can contribute fully to the agricultural economy.

V(E). Planned Program (Inputs)

1. Estimated Number of professional FTE/SYs to be budgeted for this Program

Year	Extension		Research	
	1862	1890	1862	1890
2011	0.0	7.2	0.0	0.0
2012	0.0	7.2	0.0	0.0
2013	0.0	7.2	0.0	0.0
2014	0.0	7.2	0.0	0.0
2015	0.0	7.2	0.0	0.0

V(F). Planned Program (Activity)**1. Activity for the Program**

Cooperative Extension will:

Conduct educational programs

Conduct subject matter workshops/field days/tours

Provide one-on-one technical assistance / consultations

Conduct training programs

Assist clients with development of farm plans

2. Type(s) of methods to be used to reach direct and indirect contacts**Extension**

Direct Methods	Indirect Methods
• Education Class • Workshop • Group Discussion • One-on-One Intervention • Demonstrations	• Public Service Announcement • Newsletters • TV Media Programs • Web sites

3. Description of targeted audience

Small farmers; limited resource farmers; family farmers and socially disadvantaged farmers.

V(G). Planned Program (Outputs)**1. Standard output measures**

Target for the number of persons(contacts) to be reached through direct and indirect contact methods

	Direct Contact Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Year	Target	Target	Target	Target
2011	275	1850	50	100
2012	275	1850	50	100
2013	275	1850	50	100
2014	275	1850	50	100
2015	300	2000	50	100

2. (Standard Research Target) Number of Patent Applications Submitted

2011:0

2012:0

2013:0

2014:0

2015:0

3. Expected Peer Review Publications

Year	Research Target	Extension Target	Total
2011	0	0	0

Year	Research Target	Extension Target	Total
2012	0	0	0
2013	0	0	0
2014	0	0	0
2015	0	0	0

V(H). State Defined Outputs**1. Output Target**

- Conduct educational programs focusing on farm financial management, production and marketing.

Provide one-on-one technical assistance/consultations.

Assist small scale and socially disadvantaged farmers with farm plans.

2011:500

2012:500

2013:500

2014:0

2015:0

V(I). State Defined Outcome

O. No.	Outcome Name
1	Program participants are expected to benefit from the educational training programs, workshops and technical assistance offered by extension service personnel. This will be measured by: number of farms adopting record keeping system, number of farm plans developed, number of farms with increase in income, number of farms adopting new management practices, and number of farm loans received as a result of farm business planning.

Outcome # 1**1. Outcome Target**

Program participants are expected to benefit from the educational training programs, workshops and technical assistance offered by extension service personnel. This will be measured by:

number of farms adopting record keeping system,

number of farm plans developed,

number of farms with increase in income,

number of farms adopting new management practices,

and number of farm loans received as a result of farm business planning.

2. Outcome Type : Change in Knowledge Outcome Measure**2011:200****2012:200****2013:200****2014:200****2015:0****3. Associated Knowledge Area(s)**

- 601 - Economics of Agricultural Production and Farm Management
- 602 - Business Management, Finance, and Taxation
- 604 - Marketing and Distribution Practices

4. Associated Institute Type(s)

- 1890 Extension

V(J). Planned Program (External Factors)**1. External Factors which may affect Outcomes**

- Natural Disasters (drought, weather extremes, etc.)
- Economy
- Public Policy changes

Description

Natural disasters such as droughts have made agricultural production difficult for small scale farmers.

V(K). Planned Program (Evaluation Studies and Data Collection)**1. Evaluation Studies Planned**

- After Only (post program)
- Before-After (before and after program)
- During (during program)

Description

Both pre and post test and also surveys will be used to collect data.

2. Data Collection Methods

- Mail
- On-Site

Description

A data collection survey will be conducted during, and at the end of each year. Additionally, data collected during the monthly report process from Extension personnel will be used.

V(A). Planned Program (Summary)**Program # 9****1. Name of the Planned Program**

Natural Resources, Water and the Environment

2. Brief summary about Planned Program

Programs conducted by the Cooperative Extension Program at Prairie View A&M University will be geared towards the needs of small scale and limited resource farmers and will focus on soil testing, nutrient management in the soil, reducing nutrient run-off, water conservation, quality and rights, and forest stewardship practices utilized by private forest landowners.

In the area of Soil, Plant, Water and Nutrient Relationships, the Cooperative Extension Program will assist small scale agricultural producers by conducting educational programs focusing on the importance of soil testing as well as hands-on demonstrations on the correct way to take soil samples to be tested. These educational programs will also focus on nutrient management in the soil and ways to reduce nutrient run-off into various water sources.

The Cooperative Extension Program will conduct programming in the areas of Conservation and Efficient Use of Water for small scale and limited resource farmers. These educational programs will focus on best management practices (BMPs) to conserve water and determine water quality. These educational programs will also include information on water rights as they relate to private landowners as well as defining water districts and their role in assisting private landowners.

Educational programs in the area of Management and Sustainability of Forest Resources will focus on limited resource producers gaining an understanding of timber management and BMPs for forestry and bidding out and marketing timber.

3. Program existence : Intermediate (One to five years)

4. Program duration : Long-Term (More than five years)

5. Expending formula funds or state-matching funds : Yes

6. Expending other than formula funds or state-matching funds : No

V(B). Program Knowledge Area(s)**1. Program Knowledge Areas and Percentage**

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
102	Soil, Plant, Water, Nutrient Relationships		55%		
111	Conservation and Efficient Use of Water		25%		
123	Management and Sustainability of Forest Resources		20%		
	Total		100%		

V(C). Planned Program (Situation and Scope)**1. Situation and priorities**

Issues concerning natural resources, water and the environment are becoming increasingly more important. It is critical that small scale and limited resource producers understand nutrient management in the soil, water conservation and BMPs for forestry management to maximize profits for their operations. In addition, as issues become more important to society, more laws are being formed and educational programs on these topics will help small and limited resource producers comply with the law.

As fuel and fertilizer prices continue to increase, small scale and limited resource producers must take measures to

decrease production costs in order to make profits. Soil testing is an important determinant of which nutrients currently are in the soil and the nutrients needed by the soil. Small scale and limited resource producers can greatly benefit from this information by applying only fertilizers with the appropriate ratios and not applying general fertilizers that may not be improving the soil nutrient load. Also, the fuel and fertilizer costs have forced many small scale and limited resource producers to start applying animal manure as a source of nutrients for the soil. It is essential that these producers have an understanding of the rate of application for manures, potential run-off issues associated with manure application and the build-up of nutrients in the soil due to animal manures.

Water is the most important and most precious natural resource utilized. Water conservation is an important practice in which everyone can participate. Individuals in metropolitan areas are constantly looking for water sources in rural areas to continue to provide fresh water to people in densely populated areas. Many of these city dwellers go into rural communities and attempt to buy the water rights from the people, thus potentially leaving those people without water. Small scale and limited resource producers must understand these issues and the importance of water rights as well as water quality to assure that they can continue to provide healthy water to their family, livestock and as a watering source for fruits, vegetables and forages.

Timber production can serve as a long-term investment that many small scale and limited resource producers can utilize to diversify their operations. There are many BMPs that can be performed to assure a quality crop of timber. It is important that small scale and limited resource producers understand these BMPs since it is usually several years before there is a return on the initial investment.

The Cooperative Extension Program will continue to address problems associated with soil testing and nutrient management, water conservation and quality and best management practices associated with the sustainability of forestry for small scale and limited resource producers. Furthermore, extension and outreach programs will be designed with the ultimate goal of enhancing the economic viability of small and limited resource farms and families. Some major factors affecting small farmers and ranchers are poor management skills, inability to maintain cash flow, past racial discrimination, and lack of information to make informed decisions resulting in a lack of effective management. Therefore, information provided in educational programs conducted by the Cooperative Extension Program will give small scale and limited resource producers the confidence and competence needed to make appropriate decisions concerning their operations.

2. Scope of the Program

- In-State Extension

V(D). Planned Program (Assumptions and Goals)

1. Assumptions made for the Program

Much like larger agricultural producers, small farmers and ranchers are concerned about water quality, the natural resources and any potential negative effects that their business may have on the environment. Many small scale farmers and ranchers in Texas depend upon the technical assistance provided by the Land-Grant institutions, non-profit groups and state and federal agencies to address these concerns.

The Cooperative Extension Program at Prairie View A&M University will continue to address these issues and focus on the needs of limited resource farmers. Focusing on these specific needs will help this audience to improve their way of life. By providing this type of assistance, it is assumed that farmers will gain knowledge that will assist them in becoming more profitable, to decrease debt, and improve business and management skills while keeping their environment safe.

2. Ultimate goal(s) of this Program

The ultimate goal is to enhance small scale and socially disadvantaged farmers' understanding of the environment in which they operate. By strengthening their knowledge about environmental issues, they will be better equipped to make informed decisions concerning protecting and enhancing natural resources.

V(E). Planned Program (Inputs)

1. Estimated Number of professional FTE/SYs to be budgeted for this Program

Year	Extension		Research	
	1862	1890	1862	1890
2011	0.0	4.2	0.0	0.0
2012	0.0	4.2	0.0	0.0
2013	0.0	4.2	0.0	0.0
2014	0.0	4.2	0.0	0.0
2015	0.0	4.2	0.0	0.0

V(F). Planned Program (Activity)**1. Activity for the Program**

Cooperative Extension will:

Conduct educational programs
 Conduct subject matter workshops/field days/tours
 Provide one-on-one technical assistance/consultations
 Conduct training programs
 Assist clients with development of farm plans

2. Type(s) of methods to be used to reach direct and indirect contacts**Extension**

Direct Methods	Indirect Methods
• Education Class • Workshop • Group Discussion • One-on-One Intervention • Demonstrations	• Public Service Announcement • Newsletters • TV Media Programs • Web sites

3. Description of targeted audience

Small scale, limited resource, traditionally underserved farmers and landowners.

V(G). Planned Program (Outputs)**1. Standard output measures**

Target for the number of persons(contacts) to be reached through direct and indirect contact methods

	Direct Contact Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Year	Target	Target	Target	Target
2011	350	3000	100	225
2012	350	3000	100	225
2013	350	3000	100	225

	Direct Contact Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Year	Target	Target	Target	Target
2014	350	3000	100	225
2015	350	3000	100	225

2. (Standard Research Target) Number of Patent Applications Submitted

2011:0 2012:0 2013:0 2014:0 2015:0

3. Expected Peer Review Publications

Year	Research Target	Extension Target	Total
2011	0	0	0
2012	0	0	0
2013	0	0	0
2014	0	0	0
2015	0	0	0

V(H). State Defined Outputs**1. Output Target**

- Conduct educational programs focusing on natural resources, water and the environment.

Provide one-on-one technical assistance/consultations.

Assist small scale and socially disadvantaged farmers and the Natural Resources Conservation Service to develop best management practices and/or conservation plans.

2011:575 2012:575 2013:575 2014:575 2015:0

V(I). State Defined Outcome

O. No.	Outcome Name
1	Program participants are expected to benefit from the educational training programs, workshops, and technical assistance offered by extension service personnel. This will be measured by: number of farms adopting best management practices, number of conservation plans developed, number of farms with forest management plans, and number of farms adopting new management techniques.

Outcome # 1**1. Outcome Target**

Program participants are expected to benefit from the educational training programs, workshops, and technical assistance offered by extension service personnel. This will be measured by:

number of farms adopting best management practices,

number of conservation plans developed,

number of farms with forest management plans,

and number of farms adopting new management techniques.

2. Outcome Type : Change in Knowledge Outcome Measure**2011:100****2012:100****2013:100****2014:100****2015:0****3. Associated Knowledge Area(s)**

- 102 - Soil, Plant, Water, Nutrient Relationships
- 111 - Conservation and Efficient Use of Water
- 123 - Management and Sustainability of Forest Resources

4. Associated Institute Type(s)

- 1890 Extension

V(J). Planned Program (External Factors)**1. External Factors which may affect Outcomes**

- Natural Disasters (drought, weather extremes, etc.)
- Economy
- Public Policy changes
- Government Regulations

Description

Natural disasters such as hurricanes and droughts can play a major factor in the availability and use of the natural resources, water and the environment.

V(K). Planned Program (Evaluation Studies and Data Collection)**1. Evaluation Studies Planned**

- After Only (post program)
- Before-After (before and after program)
- During (during program)

Description

Pre and post tests along with surveys will be used to help evaluate the program.

2. Data Collection Methods

- Mail
- On-Site

Description

A data collection survey will be conducted during and at the end of each year. Additionally, data collected during the monthly report process from Extension personnel will be used.

V(A). Planned Program (Summary)**Program # 10****1. Name of the Planned Program**

Family Finance and Resource Management

2. Brief summary about Planned Program

This program provides limited resource families with information to develop an understanding of how individuals and families obtain and use resources of time, money and human capital to achieve their standard of living and overall quality of life.

3. Program existence : Intermediate (One to five years)

4. Program duration : Medium Term (One to five years)

5. Expending formula funds or state-matching funds : Yes

6. Expending other than formula funds or state-matching funds : No

V(B). Program Knowledge Area(s)**1. Program Knowledge Areas and Percentage**

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
801	Individual and Family Resource Management		100%		
	Total		100%		

V(C). Planned Program (Situation and Scope)**1. Situation and priorities**

Families face critical challenges and issues from economic, educational and societal influences. The ability of families to function in a supportive economic and social environment is increasingly challenged by poverty, moderate and costly housing, lack of money management skills, and personal financial insecurity. The Center for Public Priorities states that poverty in Texas is more pronounced than in the nation as a whole. The poor are concentrated in the state's largest cities and in the Texas-Mexico border region. Poverty rates are also much higher for the state's large and growing Latino population and for African-American Texans. Child poverty, particularly among young children is significantly higher in Texas than in the nation as a whole. Low wages in many of the growth sectors of the state's economy contribute to Texas' large working-poor population, as do limited public assistance benefits.

Several poor families with children in Texas are working families. Of the 529,000 families with children below poverty, 67 percent — 353,000 are headed by a worker. A family is considered "worker-headed" if either the head-of-household or spouse worked at some point during the year. Approximately 1.7 million people, 943,000 of whom are children, live in these working-poor families. In Texas, 22% African-Americans live in poverty, 29 % Hispanics and 17.3 % of persons 65 and above are among poverty stricken families. Regardless of resources, families want to spend and save wisely, rear children to be productive citizens, and demonstrate positive family and community changes. Some financial problems are often the result of failure to manage money effectively, regardless of income. To avoid financial crisis and obtain satisfaction from income, individuals and families must have a tailored money management plan. Strong families are the foundation for quality communities and a nation with a positive future.

2. Scope of the Program

- In-State Extension

V(D). Planned Program (Assumptions and Goals)**1. Assumptions made for the Program**

Studies have shown that including all family members in short and long term financial planning result in positive sustainability. Additional factors challenging poverty stricken families include lack of health care, poor living conditions, low self-esteem, inadequate immunizations, and preventable illnesses. The recession and slow economic recovery have plagued some of the economic gains, thereby reducing socio economic attainments in the minority community. Sixty percent of families enrolled in a series of financial management activities reported an improvement in budgeting and prioritizing wants versus needs. Extension staff will plan and implement educational programs to meet the diverse needs of families. Established and new partnerships will serve as major factors in reaching the limited resource audiences. Teaching methods will include resource management classes, newsletters, credit reports retrieval, and predatory lending and consumer fraud. Expected behavior changes among individuals will be increased as well as knowledge and skills relating to budgeting, savings, investing and debt management.

2. Ultimate goal(s) of this Program

Families with limited resources will prioritize financial goals and develop skills in budgeting, savings and investing. Individuals and families who have lost jobs will gain skills and become aware of available resources to enhance resiliency.

V(E). Planned Program (Inputs)**1. Estimated Number of professional FTE/SYs to be budgeted for this Program**

Year	Extension		Research	
	1862	1890	1862	1890
2011	0.0	3.1	0.0	0.0
2012	0.0	3.1	0.0	0.0
2013	0.0	3.1	0.0	0.0
2014	0.0	3.1	0.0	0.0
2015	0.0	3.1	0.0	0.0

V(F). Planned Program (Activity)**1. Activity for the Program**

Individuals and families will learn to take control of their finances through experiential learning activities. Credit and debt management workshops and seminars will be conducted using the College of Ag & Human Sciences E-Bus (mobile internet unit with lap top computers).

2. Type(s) of methods to be used to reach direct and indirect contacts**Extension**

Direct Methods	Indirect Methods
----------------	------------------

- | | |
|---|--|
| <ul style="list-style-type: none"> • Workshop • Group Discussion • One-on-One Intervention • Other 1 (conference/seminars) • Other 2 (Trade Shows) | <ul style="list-style-type: none"> • Public Service Announcement • Newsletters • TV Media Programs • Web sites |
|---|--|

3. Description of targeted audience

Limited resource families, Single Parents, College Students, Individuals who have experienced job loss

V(G). Planned Program (Outputs)**1. Standard output measures**

Target for the number of persons(contacts) to be reached through direct and indirect contact methods

	Direct Contact Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Year	Target	Target	Target	Target
2011	300	500	700	250
2012	300	500	700	250
2013	300	500	700	250
2014	300	500	700	250
2015	300	500	700	250

2. (Standard Research Target) Number of Patent Applications Submitted

2011:0

2012:0

2013:0

2014:0

2015:0

3. Expected Peer Review Publications

Year	Research Target	Extension Target	Total
2011	0	0	0
2012	0	0	0
2013	0	0	0
2014	0	0	0
2015	0	0	0

V(H). State Defined Outputs

1. Output Target

- Conduct educational programs on family resource management, budgeting and credit management. Provide one-on-one consultations for individuals and families. Identify number of participants attending financial management workshops, seminars and classes.Utilize the College of Ag & Human Sciences E-Bus to assist under represented families with debt and credit management.

2011:400	2012:400	2013:400	2014:400	2015:400
-----------------	-----------------	-----------------	-----------------	-----------------

V(I). State Defined Outcome

O. No.	Outcome Name
1	Improved credit scores, number of savings account, number of clientele developing a budgeting plan, number of individuals and families setting goals.

Outcome # 1

1. Outcome Target

Improved credit scores,
number of savings account,
number of clientele developing a budgeting plan,
number of individuals and families setting goals.

2. Outcome Type : Change in Action Outcome Measure

2011:600

2012:600

2013:600

2014:600

2015:0

3. Associated Knowledge Area(s)

- 801 - Individual and Family Resource Management

4. Associated Institute Type(s)

- 1890 Extension

V(J). Planned Program (External Factors)

1. External Factors which may affect Outcomes

- Natural Disasters (drought, weather extremes, etc.)
- Economy
- Competing Public priorities
- Competing Programmatic Challenges
- Populations changes (immigration, new cultural groupings, etc.)

Description

Economic recession
Transportation limitations
Rising cost of fuel
Lack of child care and family support

V(K). Planned Program (Evaluation Studies and Data Collection)

1. Evaluation Studies Planned

- Before-After (before and after program)
- During (during program)

Description

Pre and post tests as well as surveys during the programs will be used to evaluate the program. Testimonials and clientele feedback.

2. Data Collection Methods

- On-Site
- Unstructured
- Observation

Description

Surveys and observation will be used to collect data.

V(A). Planned Program (Summary)**Program # 11****1. Name of the Planned Program**

Nutrition, Health and Wellness

2. Brief summary about Planned Program

This program provides technical and educational information to limited resource families and individuals to help them understand the importance of nutrition and diet. Additionally, it heightens awareness of the relationship between high calorie food consumption and lack of exercise to health status. Research based information will also expand their knowledge and empower them to make better choices for their overall well being.

3. Program existence : Intermediate (One to five years)

4. Program duration : Long-Term (More than five years)

5. Expending formula funds or state-matching funds : Yes

6. Expending other than formula funds or state-matching funds : No

V(B). Program Knowledge Area(s)**1. Program Knowledge Areas and Percentage**

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
703	Nutrition Education and Behavior		100%		
	Total		100%		

V(C). Planned Program (Situation and Scope)**1. Situation and priorities**

The 1890 Extension Program in Texas has readily identified human nutrition, food safety, and human health and well being as major issues impacting families. This fact was revealed through the Texas Community Futures Forum process. Stakeholders, including clientele, community leaders, advisory committee members, agency and organization representatives ranked this topic as priority.

A large number of Texas citizens, whether living in rural or urban areas, socially disadvantaged or middle income, are experiencing problems with diet related illnesses. The prevalence of obesity is escalating in more than 60% of the adult population and has tripled in children and adolescents. Among children and adolescents, 15% are overweight and more than 70% have diseases that are associated with obesity such as hypertension and elevated cholesterol levels. In Texas, obesity related diseases including diabetes, hypertension, cancer and heart disease, are found in higher rates among various members of racial-ethnic minorities, e.g., African American and Hispanic Americans. According to the Department of Health and Human Services Centers for Disease Control and Prevention, there is a significant body of evidence supporting the health benefits of regular physical activity. Twenty-five percent of adults are not active at all in their leisure time. More than a third of young people in grades 9-12 do not regularly engage in vigorous, intense physical activity.

In a report published by *Household Food Security in the United States*, 2004/EER-11 (Economic Research Service, USDA) Texas ranked number one in the National Food Insecurity Profile, 2004 Ten Worst States for Food Insecurity. Food insecurity is defined as the lack of access to enough food to fully meet basic needs by all people at all times for an active, healthy life due to lack of financial resources. Food insecurity is prevalent among households below the official poverty line, households with children headed by a single woman or single man, Black and Hispanic households and the elderly. Families and individuals living with food insecurity are likely to be hungry, undernourished, and in poor health. Research has shown

that individuals involved in well planned, nutrition education programs can significantly improve their health and well-being and gain insight to resources available for securing food. Priorities in this goal will be minority individuals and families with children. The specific aim will be to provide fundamental knowledge regarding the relationship between food consumption and physical activity to optimal health and well being.

2. Scope of the Program

- In-State Extension

V(D). Planned Program (Assumptions and Goals)

1. Assumptions made for the Program

Many families and adults lack basic knowledge regarding the importance of good nutrition in providing optimal health and well being. This lack of knowledge continuously leaves underserved populations in a position of increased risk for chronic, diet related illnesses and overweight/obesity. The Family and Consumer Sciences staff will continue to network with local agencies and organizations, faith-based communities, schools and other groups to engage the target audience in meaningful, informal learning activities and experiences. Collaborations with Texas Department of State Health Services, Child Care Centers, Communities in Schools, Senior Sites, and Housing Authorities have proven successful venues for gaining access to target audiences.

2. Ultimate goal(s) of this Program

The goals of this program are to: provide families with relevant nutrition education and access to enhance food resources, present opportunities for participants to experience a variety of foods, increase consumption of vegetables and fruits, and engage in regular physical fitness activities.

V(E). Planned Program (Inputs)

1. Estimated Number of professional FTE/SYs to be budgeted for this Program

Year	Extension		Research	
	1862	1890	1862	1890
2011	0.0	7.0	0.0	0.0
2012	0.0	7.0	0.0	0.0
2013	0.0	7.0	0.0	0.0
2014	0.0	7.0	0.0	0.0
2015	0.0	7.0	0.0	0.0

V(F). Planned Program (Activity)

1. Activity for the Program

Provide one-on-one consultations
 Conduct on-site food demonstrations
 Provide train-the-trainer opportunities

Conduct educational programs and classes
 Teach a series of nutrition classes to special interest groups
 Exhibit educational displays at various sites

2. Type(s) of methods to be used to reach direct and indirect contacts**Extension**

Direct Methods	Indirect Methods
• Workshop • One-on-One Intervention • Other 1 (Train-the-trainer) • Other 2 (On-site demonstrations)	• Public Service Announcement • Newsletters • TV Media Programs • Other 1 (Exhibits)

3. Description of targeted audience

Minority families and individuals
 Senior adults
 Single parents
 Persons coping with and at risk for chronic illnesses

V(G). Planned Program (Outputs)**1. Standard output measures**

Target for the number of persons(contacts) to be reached through direct and indirect contact methods

	Direct Contact Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Year	Target	Target	Target	Target
2011	20000	18000	2000	3800
2012	20000	18000	2000	3800
2013	20000	18000	2000	3800
2014	20000	18000	2000	3800
2015	20000	18500	2050	3850

2. (Standard Research Target) Number of Patent Applications Submitted**2011:0****2012:0****2013:0****2014:0****2015:0****3. Expected Peer Review Publications**

Year	Research Target	Extension Target	Total
2011	0	1	0
2012	0	0	0
2013	0	0	0
2014	0	0	0
2015	0	0	0

V(H). State Defined Outputs

1. Output Target

- Conduct educational programs on basic nutrition, enroll participants in a series of nutrition educational classes, conduct nutrition workshops and seminars on new dietary guidelines and MyPyramid, disseminate information letters addressing nutrition and health, and conduct on site food demonstrations for adults and youth.

2011:950	2012:950	2013:950	2014:950	2015:0
-----------------	-----------------	-----------------	-----------------	---------------

V(I). State Defined Outcome

O. No.	Outcome Name
1	Participants understand and use MyPyramid in meal buying and preparation. Participants become aware of diet related diseases. Participants understand the connection between diet and exercise. Participants increase consumption of fruits and vegetables. Expectant teen mothers adopt healthy eating habits. Participants modify recipes to decrease amount of calories.

Outcome # 1**1. Outcome Target**

Participants understand and use MyPyramid in meal buying and preparation. Participants become aware of diet related diseases. Participants understand the connection between diet and exercise. Participants increase consumption of fruits and vegetables. Expectant teen mothers adopt healthy eating habits. Participants modify recipes to decrease amount of calories.

2. Outcome Type : Change in Condition Outcome Measure**2011:**4000**2012:**4000**2013:**4000**2014:**4000**2015:**0**3. Associated Knowledge Area(s)**

- 703 - Nutrition Education and Behavior

4. Associated Institute Type(s)

- 1890 Extension

V(J). Planned Program (External Factors)**1. External Factors which may affect Outcomes**

- Natural Disasters (drought, weather extremes, etc.)
- Economy
- Competing Programmatic Challenges
- Other (CEP staff changes)

Description

Individual class participants unable to complete educational series
 Lack of available transportation
 Weather conditions
 Personnel changes at community sites and other agencies

V(K). Planned Program (Evaluation Studies and Data Collection)**1. Evaluation Studies Planned**

- Before-After (before and after program)
- During (during program)

Description

Pre and post tests as well as surveys and observations during the meetings will be used to evaluate the program.

2. Data Collection Methods

- On-Site
- Observation
- Other (surveys and monthly reports)

Description

On-site surveys and observations will be used to collect data on the program.

V(A). Planned Program (Summary)**Program # 12****1. Name of the Planned Program**

Parenting Education and Family Life Skills

2. Brief summary about Planned Program

This program provides educational and technical information to limited resource families to strengthen family systems and resiliency. This program engages parents and their children in informal learning activities and guidance to access available resources.

3. Program existence : Intermediate (One to five years)

4. Program duration : Medium Term (One to five years)

5. Expending formula funds or state-matching funds : Yes

6. Expending other than formula funds or state-matching funds : No

V(B). Program Knowledge Area(s)**1. Program Knowledge Areas and Percentage**

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
802	Human Development and Family Well-Being		100%		
	Total		100%		

V(C). Planned Program (Situation and Scope)**1. Situation and priorities**

All people, whether living in rural or urban communities, are confronted with multifaceted issues that include deteriorating communities, dysfunctional families, declining workforce preparedness, and polluted, distressed environments. These issues are much more acute in limited resource communities and families. Family programs are needed to increase the capacity of families to enhance their own well-being. Trends, such as both parents participating in the work place, a high incidence of teenage pregnancies, increasing violence against youth, increased single-parent families, welfare reform, and other social policies have increased the need for educational programs on parenting, providing proper child care, and related services. Texas Kids Count census data indicates that 30 percent of children reside in single-parent households. Of the 30 percent, 5 percent reside in father only households and 25 percent live in mother only households. According to the 2000 census there are more than 530,000 grandparents in Texas who are raising their grandchildren. Only the state of New York has a higher number. Yet, Texas is near the bottom nationally for providing benefits to support grandparents raising grandchildren. This trend is due to: increasing numbers of single parent families, the high rate of divorce, teenage pregnancies, AIDS, incarceration of parents, substance abuse, death or disability, and parental abuse and neglect.

Grandparents are forced to raise grandchildren due to the neglect or abuse of the biological parents, in many cases. To save a child from the hands of neglect and/or abuse is an ultimate sacrifice for anyone, but especially for grandparents. In many instances, the grandparent has not prepared or planned to raise another child and inevitably suffer financial hardships. In Texas, 21% of these grandparents are African Americans; 42% are Hispanic/Latino; 1% Asian, and 35% are White. Thirty-two percent of these grandparents live in households without the children's parents present. Culture shock at having to deal with children and adolescents of a different generation can be great. Grandparent headed households have a significantly higher poverty rate than other kinds of family units. Child and adolescent psychiatrists recognize the important role many grandparents play in raising their grandchildren. The better grandparents are able to meet their own needs, the better they can fulfill the demands of parenting.

2. Scope of the Program

- In-State Extension

V(D). Planned Program (Assumptions and Goals)

1. Assumptions made for the Program

Parental responsibilities and challenges continue to have significant impact on many limited resource families. The burden of child rearing impacted by other factors, unfortunately, in many cases lead to child abuse and neglect. Parents need a strong and positive support system and resources for a stable and secure environment. In 2005, the Texas Child Protective Services confirmed 61,433 child abuse and neglect cases and 203,916 unconfirmed cases. Therefore, the need for parenting education to include foster parents, grandparents and adoptive parents will be significant. In order to address these parental challenges, both headquarters and county staff will engage participants in informal learning activities. Extension staff will continue to network with local agencies and organizations to present parenting education using a variety of teaching methods. A majority of the previous target audiences have been provided through collaborative partnerships with schools, churches, Child Protective Services, child care centers and Communities in Schools. Behavior changes among parents and children will result in increased knowledge and skills relating to discipline, improved communication skills, and stress and anger management.

2. Ultimate goal(s) of this Program

Involve community and family level interventions to enhance communication and family well being. Empower parents with information to access community and other resources to enhance their family infrastructure.

V(E). Planned Program (Inputs)

1. Estimated Number of professional FTE/SYs to be budgeted for this Program

Year	Extension		Research	
	1862	1890	1862	1890
2011	0.0	5.4	0.0	0.0
2012	0.0	5.4	0.0	0.0
2013	0.0	5.4	0.0	0.0
2014	0.0	5.4	0.0	0.0
2015	0.0	5.4	0.0	0.0

V(F). Planned Program (Activity)

1. Activity for the Program

Conduct educational programs on parenting, grandparents as parents, improving communications and listening skills, discipline, building self esteem, and bullying.

2. Type(s) of methods to be used to reach direct and indirect contacts

Extension

Direct Methods	Indirect Methods
----------------	------------------

- Education Class
- Group Discussion
- One-on-One Intervention
- Other 1 (distributing printed materials)
- Other 2 (conferences/seminars)

- Newsletters
- TV Media Programs
- Other 1 (videos/DVDs)
- Other 2 (news articles)

3. Description of targeted audience

Single parents
 Grandparents as parents
 Teen parents
 Parents
 Students
 Educators

V(G). Planned Program (Outputs)

1. Standard output measures

Target for the number of persons(contacts) to be reached through direct and indirect contact methods

	Direct Contact Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Year	Target	Target	Target	Target
2011	880	1050	550	575
2012	880	1050	550	575
2013	880	1050	550	575
2014	880	1050	550	575
2015	880	1050	550	575

2. (Standard Research Target) Number of Patent Applications Submitted

2011:0

2012:0

2013:0

2014:0

2015:0

3. Expected Peer Review Publications

Year	Research Target	Extension Target	Total
2011	0	0	0
2012	0	0	0
2013	0	0	0
2014	0	0	0
2015	0	0	0

V(H). State Defined Outputs

1. Output Target

- Conduct educational programs on parenting. Provide one-on-one consultations for parents/grandparents. Measure knowledge gained, behavioral changes, and adoption of best practices of participants attending conferences/seminars, and students participating in educational sessions.

2011:900	2012:900	2013:900	2014:900	2015:0
-----------------	-----------------	-----------------	-----------------	---------------

V(I). State Defined Outcome

O. No.	Outcome Name
1	Improved communication skills, learned new ways to manage anger, learned how to cope with stress, identify effective discipline strategies, increased awareness of dealing with bullies

Outcome # 1

1. Outcome Target

Improved communication skills,
learned new ways to manage anger,
learned how to cope with stress,
identify effective discipline strategies,
increased awareness of dealing with bullies

2. Outcome Type : Change in Knowledge Outcome Measure

2011:800

2012:800

2013:800

2014:800

2015:0

3. Associated Knowledge Area(s)

- 802 - Human Development and Family Well-Being

4. Associated Institute Type(s)

- 1890 Extension

V(J). Planned Program (External Factors)

1. External Factors which may affect Outcomes

- Natural Disasters (drought, weather extremes, etc.)
- Economy
- Competing Programmatic Challenges
- Populations changes (immigration, new cultural groupings, etc.)
- Other (CEP staff changes)

Description

Economic recession
Lack of community resources and support systems
Families in transition
Parents suffering from depression and other illnesses
Extreme weather conditions and changes in population will affect outcomes.

V(K). Planned Program (Evaluation Studies and Data Collection)

1. Evaluation Studies Planned

- Before-After (before and after program)
- During (during program)

Description

Pre and post tests and observations during the programs will be used for evaluation.

2. Data Collection Methods

- On-Site
- Unstructured
- Observation
- Other (surveys and monthly reports)

Description

Surveys as well as observation will be used for data collection.

V(A). Planned Program (Summary)**Program # 13****1. Name of the Planned Program**

Human Health and Well-Being

2. Brief summary about Planned Program

This area concerns activities related to healthy lifestyles, including maintenance of social, emotional and physical health. The focus is on physical activity, exercise, and health related practices including screening, immunization, and preventive care. The work in this area frequently involves population groups at risk and the factors that promote or hinder healthy lifestyles in these groups. Education and extension programs on healthy lifestyles and behavior change are concerned with the development, evaluation and dissemination of education programs and strategies for limited-resource individuals and families.

3. Program existence : Intermediate (One to five years)

4. Program duration : Long-Term (More than five years)

5. Expending formula funds or state-matching funds : Yes

6. Expending other than formula funds or state-matching funds : No

V(B). Program Knowledge Area(s)**1. Program Knowledge Areas and Percentage**

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
724	Healthy Lifestyle		100%		
	Total		100%		

V(C). Planned Program (Situation and Scope)**1. Situation and priorities**

Chronic diseases such as heart disease, stroke, cancer and diabetes are among the most prevalent, costly, and preventable of all health problems. Statistics show that 7 out of 10 Americans who die each year, or more than 1.7 million people die of chronic disease. Heart disease is the leading cause of death in Texas, accounting for 43,199 deaths or approximately 285 of the state's deaths in 2001. Stroke is the third leading cause of death accounting for 10,616 deaths or approximately 75 of the state's deaths in 2001. In Texas, over 20% of the adult population has been told that they have high blood pressure. Approximately 10 percent of the population in Texas have been told by a doctor that they have diabetes. Cardiovascular disease is the major cause of death among minority populations. The highest mortality rate is in the African American population. In 2002, the death rate for heart disease for African Americans was 353 per 100,000, compared to 254.7 per 100,000 for whites and 209.6 per 100,000 for Hispanics. Additionally, the 2002 death rate for stroke among African Americans was 90.4 per 100,000, compared to 61.9 per 100,000 for whites and 50.5 per 100,000 for Hispanics. Two major independent factors for heart disease and stroke are high blood pressure and cholesterol. Other important risk factors include diabetes, tobacco use, physical inactivity, and being overweight or obese. A key strategy for addressing these risk factors is to educate clientele about the importance of prevention. People should be educated about the signs and symptoms of hypertension and stroke and the importance of calling 911 quickly. Approximately 47% of heart attack and stroke victims die before emergency medical personnel arrive. This number could be reduced through teaching individuals when to seek emergency medical assistance.

Cancer is the second leading cause of death and is responsible for one and four deaths in the United States. In 2004, over 560,000 Americans will die of cancer. In Texas, 34,830 deaths are expected. Lung and Broncus are the sites affected mostly by both males and females, followed by breast, prostate and colon. African Americans and Hispanics are disproportionately affected by these types of cancer.

2. Scope of the Program

- In-State Extension

V(D). Planned Program (Assumptions and Goals)

1. Assumptions made for the Program

Many families and individuals are unaware of their risks of chronic illnesses due to their lack of participation in preventive health screenings. Early detection can significantly reduce the costs associated with treatment of chronic diseases. The Cooperative Extension Program will continue educational efforts previously established to address chronic diseases in minority populations. Continued partnerships will be established as well as new ones formed with potential collaborators. These include, but are not limited to, the Texas Department of State Health Services, the National Cancer Institute's, and the American Cancer Society. Educational outreach efforts will result in a more informed public and adoption of healthy lifestyle choices within minority populations.

2. Ultimate goal(s) of this Program

The ultimate goal of this program is to develop an awareness of interventions and behaviors that will lead to healthier lifestyles. Another goal is to provide opportunities for participants to access health screenings and information to make better choices. This goal will be accomplished through the development of culturally sensitive, age-appropriate educational materials and activities.

V(E). Planned Program (Inputs)

1. Estimated Number of professional FTE/SYs to be budgeted for this Program

Year	Extension		Research	
	1862	1890	1862	1890
2011	0.0	6.0	0.0	0.0
2012	0.0	6.0	0.0	0.0
2013	0.0	6.0	0.0	0.0
2014	0.0	6.0	0.0	0.0
2015	0.0	6.0	0.0	0.0

V(F). Planned Program (Activity)

1. Activity for the Program

Partner with local agencies to provide health screenings and health fairs
 Recruit participants for educational classes focusing on chronic diseases
 Exhibit educational displays at various sites
 Conduct workshops and conferences in local communities.

2. Type(s) of methods to be used to reach direct and indirect contacts

Extension

Direct Methods	Indirect Methods
----------------	------------------

- Workshop
- Demonstrations
- Other 1 (Health fairs)
- Other 2 (Immunization screenings)

- Newsletters
- TV Media Programs
- Other 1 (DVD's/videos)
- Other 2 (News articles)

3. Description of targeted audience

Faith-Based groups
Families and individuals
Senior groups
Housing residents
Worksite employees

V(G). Planned Program (Outputs)

1. Standard output measures

Target for the number of persons(contacts) to be reached through direct and indirect contact methods

	Direct Contact Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Year	Target	Target	Target	Target
2011	1200	1800	175	225
2012	1200	1800	175	225
2013	1200	1800	175	225
2014	1200	1800	175	225
2015	1200	1800	175	225

2. (Standard Research Target) Number of Patent Applications Submitted

2011:0

2012:0

2013:0

2014:0

2015:0

3. Expected Peer Review Publications

Year	Research Target	Extension Target	Total
2011	0	0	0
2012	0	0	0
2013	0	0	0
2014	0	0	0
2015	0	0	0

V(H). State Defined Outputs

1. Output Target

- Conduct educational programs on chronic illnesses, participants attending conferences/seminars, individuals receiving free health screenings, disseminate newsletters via website
- | | | | | |
|------------------|------------------|------------------|---------------|---------------|
| 2011:1600 | 2012:1600 | 2013:1600 | 2014:0 | 2015:0 |
|------------------|------------------|------------------|---------------|---------------|

V(I). State Defined Outcome

O. No.	Outcome Name
1	Increased number of individuals participating in health screenings, participants become aware of diet related diseases and prevention strategies, participants understand the importance of early diagnoses for all family members

Outcome # 1

1. Outcome Target

Increased number of individuals participating in health screenings, participants become aware of diet related diseases and prevention strategies, participants understand the importance of early diagnoses for all family members

2. Outcome Type : Change in Action Outcome Measure

2011:2500

2012:2500

2013:2500

2014:2500

2015:0

3. Associated Knowledge Area(s)

- 724 - Healthy Lifestyle

4. Associated Institute Type(s)

- 1890 Extension

V(J). Planned Program (External Factors)

1. External Factors which may affect Outcomes

- Natural Disasters (drought, weather extremes, etc.)
- Competing Programmatic Challenges
- Populations changes (immigration, new cultural groupings, etc.)
- Other (CEP staff changes)

Description

Lack of affordable health care

Population and staff changes will also affect the outcome of the program

Availability of fast food restaurants in limited resource communities

V(K). Planned Program (Evaluation Studies and Data Collection)

1. Evaluation Studies Planned

- Before-After (before and after program)
- During (during program)

Description

Pre and post tests as well as observations during the program will be used to evaluate the program.

2. Data Collection Methods

- On-Site
- Unstructured
- Observation
- Other (surveys and monthly reports)

Description

Surveys, interview and monthly reports will be used to collect data on the program.

V(A). Planned Program (Summary)**Program # 14****1. Name of the Planned Program**

4-H SET/STEAM (Science, Technology, Engineering, Agriculture & Mathematics)

2. Brief summary about Planned Program

This 4-H SET (STEAM) Program will provide training and opportunity for underrepresented and underserved youth from ages 8 to 19, in 18 Texas counties. It is designed to create an awareness and interest in youth, so that they may learn to process and transform information for solving major scientific problems. This program will assist youth in developing awareness, appreciation and an interest in the fields of food and agriculture sciences as a career choice. The program will provide youth with hands-on learning experiences that will mimic real life situations. Through training sessions, seminars and workshops led by adult volunteers, trained agents and specialists. Youth will learn to investigate, rethinking and/or learn to critical think about problems as it relate to the environment, water, energy, foods, agriculture and natural resources. Youth will acquire scientific knowledge, life-skills, identify problems, develop hypotheses, investigate problems, collect and analyze data, and make recommendations for solving the problem.

3. Program existence : New (One year or less)**4. Program duration :** Medium Term (One to five years)**5. Expending formula funds or state-matching funds :** Yes**6. Expending other than formula funds or state-matching funds :** No**V(B). Program Knowledge Area(s)****1. Program Knowledge Areas and Percentage**

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
102	Soil, Plant, Water, Nutrient Relationships		40%		
806	Youth Development		60%		
	Total		100%		

V(C). Planned Program (Situation and Scope)**1. Situation and priorities**

According to the National Research Council (2009), today's challenges centers around finding solutions to global affects related to energy, security, human health, environment, climate change and food reproduction and demands. All of these challenges are related to agriculture. According to the literature, science, technology, engineering and mathematics are often referred as SET or STEM discipline and these disciplines play essential roles in finding solutions. It is very important that youth are aware of the importance of agriculture as a discipline that is increasingly intertwined with food, fiber, fuel, bio fuels, greenhouse gas emissions, human nutrition and health, environment, water, and bio-security. Therefore, early-outreach to youth is critical to foster the awareness of agricultural issues and its vital role in solving today's challenges. As it has been recommended, this process of creating an awareness and interest in food and agriculture sciences must begin before youth enter in higher education and began during the primary and secondary education years. It is also imperative that awareness is made, so that more qualified individuals will enter into the workforce as scientists in the field.

This program is designed to engage youth in hands- on experience of practical sciences. Youth will be involved in training/seminars, workshops, specialized camps, and projects that will allow them to explore, investigate and make connections with new and emerging fields of SET/STEAM opportunities. Students will engaged in practical science experiences while learning how the different disciplines of science interface with food and agriculture sciences

2. Scope of the Program

- In-State Extension

V(D). Planned Program (Assumptions and Goals)

1. Assumptions made for the Program

The 4-H SET/STEAM program is based on the assumptions that youth from underrepresented and underserved have fewer role models and experiences to new and emerging science fields and careers. Thus youth from these underserved and underrepresented populations are more likely to become marginalized and less likely to contribute to the social capital of their community, if they are not afforded an opportunity and exposure to new innovative ideas.

Exposing youth at an early age leads to a window of excitement, a window of opportunity and window of creativity. An assumption is, when children and youth are exposed at an early age to new innovations, they are more likely to become interested, obtain knowledge and explore new opportunities, pursue degrees in higher education, and become scientists. Today's youth have the ability to adapt innovation quickly and able to identify solution to resolve problems. Providing youth with opportunities to expose and mentored by a community of research scientists and adult leaders who are in the field of science will generate a new era of new young scientists in the field of foods and agriculture.

2. Ultimate goal(s) of this Program

a. Expose and engage youth from unrepresented and underserved to 4-H SET (Science, Engineering, and Technology) / STEAM (Science, Technology, Engineering, Agriculture & Mathematic) programs, so that they may create a greater awareness and interest in the food and agriculture sciences.

b. Create a new group of future young scientists into the world who will assist in solving the challenges of the world, country and community.

V(E). Planned Program (Inputs)

1. Estimated Number of professional FTE/SYs to be budgeted for this Program

Year	Extension		Research	
	1862	1890	1862	1890
2011	0.0	6.0	0.0	0.0
2012	0.0	6.0	0.0	0.0
2013	0.0	6.0	0.0	0.0
2014	0.0	6.0	0.0	0.0
2015	0.0	6.0	0.0	0.0

V(F). Planned Program (Activity)

1. Activity for the Program

Career Awareness and Youth Leadership Laboratory
 Educational SET/STEAM workshops, training sessions/seminars, conferences and
 Web-seminars
 College of Ag & Human Sciences E-Bus
 Specialty Camps and Day Camps
 Adult Leader's Training Retreats and Institutes
 Newsletters

2. Type(s) of methods to be used to reach direct and indirect contacts**Extension**

Direct Methods	Indirect Methods
• Education Class • Workshop • Group Discussion • One-on-One Intervention • Demonstrations	• Public Service Announcement • Newsletters • TV Media Programs • Web sites • Other 1 (radio)

3. Description of targeted audience

Underrepresented and underserved youth ages 8 to 19 years old
 Underrepresented and underserved adult leaders 8 to 19 years old

V(G). Planned Program (Outputs)**1. Standard output measures**

Target for the number of persons(contacts) to be reached through direct and indirect contact methods

	Direct Contact Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Year	Target	Target	Target	Target
2011	250	500	800	1600
2012	275	550	900	1800
2013	325	600	1000	2000
2014	350	650	1100	3000
2015	400	800	1200	4500

2. (Standard Research Target) Number of Patent Applications Submitted

2011:0

2012:0

2013:0

2014:0

2015:0

3. Expected Peer Review Publications

Year	Research Target	Extension Target	Total
2011	0	0	0
2012	0	0	0
2013	0	0	0
2014	0	0	0
2015	0	0	0

V(H). State Defined Outputs

1. Output Target

- 4-H SET/STEAM traning sessions for adult leaders. Train adults to work with youth and promote science,engineering and technology projects. Conduct 4-H SET fairs and community science academy. Conduct educational SET workshops. Develop newsletters. Organize youth into groups and clubs. Implement 4-H SET camps and retreats. Involve youth in 4-H project groups and clubs.

2011:800	2012:800	2013:800	2014:800	2015:800
-----------------	-----------------	-----------------	-----------------	-----------------

V(I). State Defined Outcome

O. No.	Outcome Name
1	Youth will become involved within a variety of SET activities to enhance their competencies. Increase awareness and interest in SET projects to pursue future careers in foods and agriculture sciences.

Outcome # 1**1. Outcome Target**

Youth will become involved within a variety of SET activities to enhance their competencies. Increase awareness and interest in SET projects to pursue future careers in foods and agriculture sciences.

2. Outcome Type : Change in Knowledge Outcome Measure**2011:400****2012:400****2013:400****2014:400****2015:400****3. Associated Knowledge Area(s)**

- 102 - Soil, Plant, Water, Nutrient Relationships
- 806 - Youth Development

4. Associated Institute Type(s)

- 1890 Extension

V(J). Planned Program (External Factors)**1. External Factors which may affect Outcomes**

- Natural Disasters (drought, weather extremes, etc.)
- Economy
- Populations changes (immigration, new cultural groupings, etc.)

Description

Due to the fact that there is a high population of migrant workers, families may be in transition. Additionally the weather conditions may cause children and families to relocate and school closures. Based upon the current economy, families may not have the resources for children to participate in SET projects.

V(K). Planned Program (Evaluation Studies and Data Collection)**1. Evaluation Studies Planned**

- Retrospective (post program)
- Before-After (before and after program)

Description

A retrospective survey will be given because youth will report present knowledge pertaining to project and after project is completed will give new knowledge gained.

2. Data Collection Methods

- Sampling
- On-Site
- Unstructured
- Observation
- Tests
- Journals

Description

Data will be collected using various methods to determine knowledge gained. Data collection will be collected by county agents, volunteer leaders, and specialists.