

# 2014 Tuskegee University Extension Plan of Work

Status: Accepted

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## I. Plan Overview

### 1. Brief Summary about Plan Of Work

Tuskegee University is a national, independent, and coeducational institution of higher learning located within the State of Alabama. The Instruction, Research, and Service Programs, together with certain acts of the United States Congress and the State of Alabama, define Tuskegee University as a Land-Grant University. Pursuing to last year's restructuring of land grant's academic, research and outreach programs in the College of Agriculture, Environment, and Nutrition Sciences, this plan of work for the Tuskegee University Cooperative Extension Program (TUCEP) incorporates results from the Five year Strategic Plan for the Evans Research Program, contributions from the State Advisory Board, as well as subsequent and on-going stakeholders's input from the counties, state and region.

TUCEP in partnership with the Evans Allen Research Program, Carver Integrative Sustainability Center (USDA 1890 Center of Excellence) and other research, teaching and outreach units carries out a comprehensive statewide Extension Plan of Work. TUCEP continues to focus its major efforts in Alabama Black Belt and adjacent counties, but has programs in other counties, such as in Marshall County with the Cherokee Tribe of North East Alabama (CTNEAL) and other targeted Native and Hispanic populations. Also, contributions will be made toward several 3(d) and other NIFA program objectives as funds become available.

This Extension Program Plan of Work includes five program areas, estimated FTEs, the merit review process, evaluation of multistate and joint activities, stakeholder input, and planned programs. The seven Program Areas and related Extension Team Projects or Initiatives are listed and described below. They serve as a mechanism to continue subject matter foci, with an effort to create scale throughout Tuskegee University's service area and foster integrative Extension, Research and Education activities and programs, where appropriate. Measurable impacts are predicated on the use of the Logic Model as the major tool used to guide planning and evaluation in all programming.

**(1) Small Scale Farming and Food Security.** This program area addresses the issues of declining numbers of small-scale producers, land loss by small-scale farmers, strategies for the survival of small-scale farms and rural communities, challenges in adopting new technologies and marketing opportunities, and the growing concern relative to the use of chemicals, preservation methods, and food safety. The primary objective is to increase sustainability and profitability of farming at small scale and with limited resources, land ownership, and the viability of related agribusinesses. The major ETPs and Initiatives include (a) Small Farmers, Landownership and Agribusiness Cooperatives; (b) Horticulture and Community Gardens; © Livestock production and marketing.

**(2) Youth Leadership, Science, and Technology Education.** This program area focuses on providing youth and young adults with opportunities to increase knowledge and skills by engaging participants in experiential "hands-on-learning; and to improve leadership and job skills through the development of entrepreneurship in agribusiness foods. The overall objective is to prepare youth for readiness to learn science, math, technology, agribusiness entrepreneurship and leadership. Major ETPs and Initiatives include (a) Citizen and Leadership; (b) Science, Technology, Engineering, and Math (STEM) Education; © Youth Gardens, Livestock Shows, and Agrifood issues.

(3) **Childhood and Family Obesity Prevention.** This program area focuses on using selected curriculum and other experiential learning settings to provide education about nutrition, behavior and lifestyles conducive to obesity prevention in children, young adults, and other members of the family. Key ETPs include: (a) Healthy Lifestyles for Families; (b) Year-round Youth Academies.

(4) **Community Resources and Economic Development.** This program area primarily focuses on community resources and leadership development, business and entrepreneurial development, individual and family financial management, and job preparedness in rural Alabama. The major objective is to enhance financial security and organization for families, start-up micro-entrepreneurs, and communities. ETPs for this program area are: (a) Volunteer Leadership Development; (b) Financial Management for families, start-up Businesses and Non-profits.

(5) **Renewable Resources and Sustainable Energy.** This program area addresses a variety of critical educational needs in the areas of natural resources management, water quality, and alternative energy education. The objectives are to enhance quality of drinking water in rural areas and small communities and increase awareness and sustainability of energy use. Specific ETPs and Initiatives will include: (a) Water Quality (Master Rural Well Owner Program); (b) Energy Audits and Alternative Use.

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

Year	Extension		Research	
	1862	1890	1862	1890
2014	0.0	26.0	0.0	0.0
2015	0.0	26.0	0.0	0.0
2016	0.0	26.0	0.0	0.0
2017	0.0	26.0	0.0	0.0
2018	0.0	26.0	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
- External University Panel
- Expert Peer Review
- Other (Local Advisory Councils and State Advisory Council )

## 2. Brief Explanation

The Tuskegee University Cooperative Extension Program, in collaboration with the Alabama Cooperative Extension System, began the Extension Team Project (ETP) concept in 1998. The Extension Team Projects involve teams of interdisciplinary specialists and county agents throughout the Alabama network, where each project focuses on specific related problems. Each year, TUCEP specialists, county agents, and advisory council members will review the Extension Team Projects for recommended changes. This will constitute the internal review panel. The local advisory council members will constitute the external review team from each county unit, as well as the state advisory council members. The Program Merit Review Process Committee and the State Advisory Council members will review changes and recommendations. Recommendations from each Extension Team Project, led by TUCEP specialists and agents, will be made from the local advisory council members to the state advisory council members and the Program Merit Review Process Committee to the Extension Administrator by the Interim Director of Programs for consideration and approval.

## 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?

Tuskegee University Cooperative Extension Program consists of five major Program Areas and several ETPs and initiatives that address the critical issues of strategic importance, including those identified by the current stakeholders at the national, state and local levels. These projects and initiatives address the issues of viability and sustainability of small-scale farming, food security, need for youth to enhance their science, math, technology and leadership preparedness, rampant obesity in children and adults, financial security and job and business start-up preparedness in rural families, water quality and use of alternative energy sources and technologies. These ETPs are the platforms and mechanisms through which additional capacity building resources and integrated research, extension and outreach grants strengthen TUCEP's focus, delivery mechanisms, and reach out to targeted audiences. Also, three annual conferences, several workshops, seminars, field demonstrations, and in-service trainings are conducted at the local and state levels as a mechanism to facilitate access to USDA and other federal and state programs and resources.

TUCEP has increased its participation in many of the 1890 program activities, including multistate programs. The 1890 Land-Grant Institution's Strategic Plan continues to provide a framework to facilitate increased collaboration in the various states. One goal of the Association of Extension Administrators (AEA) and the Association of Research Directors (ARD) is to develop and maintain open lines of communications between AEA and ARD which foster integration and collaborative relationships to aid in the growth of the 1890 Land-Grant System. Different national teams have been developed to enhance this process. TUCEP participates in all five AEA program teams and plays a leadership role in two.

### 2. How will the planned programs address the needs of under-served and under-represented populations of the State(s)?

Planned programs will address the needs of under-served and under-represented populations by using appropriate information from research-based materials, needs assessments, workshops, conferences, seminars, demonstrations, media information, and involvement of individuals, groups, and local participating organizations. Under-served and under-represented populations will be recruited one-on-one and in small groups to participate

or become engaged in extension activities. After all, under-served and under-represented populations in USDA programs constitute the strong majority of our targeted audiences. Women, Native Americans, Hispanics and other under-served families and groups are increasingly seeking extension and outreach services from Tuskegee University. The goal is to improve the quality of life for all the people served.

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

The workshops, conferences, demonstrations, and other educational activities and experiential learning experiences will improve and increase awareness, increase knowledge, and develop skills; increase profitability, promote sustainability, self sufficiency, prevent obesity, and enhance the quality of life for the clients served in the targeted area.

### **4. How will the planned programs result in improved program effectiveness and/or**

Using the logic model helps to organize and systemize program planning, management, and evaluation functions. These functions include: program design and planning, program implementation, program evaluation and strategic reporting. Since the most basic program logic model is a picture of how the program works -- the theory and assumptions underlying the program -- the planned program herein provides structure and directions which help streamline program effectiveness and efficiency in program implementation and outcomes. Also, this model provides accountability by relating inputs, outputs, and outcomes. The use of logic model has helped TUCEP in focusing better on fewer program areas, ETPs and integrated initiatives, with clear examples of outputs that will lead to expected outcomes. This model provides both effectiveness and efficiency, and a more constructive use of time and resources.

## **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
- Targeted invitation to selected individuals from general public
- Survey of traditional stakeholder groups
- Survey of traditional stakeholder individuals
- Survey of the general public
- Survey specifically with non-traditional groups
- Survey specifically with non-traditional individuals
- Survey of selected individuals from the general public

#### **Brief explanation.**

To ensure Extension program relevance and quality, Tuskegee University Cooperative Extension Program continues to strengthen its relationships with various interest groups in the communities served, including the 12 Black Belt and adjacent counties, as well as other targeted audiences throughout the State of Alabama. It has in place County and State Advisory Councils, in addition to a Merit Review Committee.

Six County Advisory Councils are established in 12 Alabama Black Belt counties. Membership

on these councils consists of established and emerging leaders of existing and targeted clientele organizations.

From this membership, representatives serve on the State Advisory Council and include farmers, educators, public officials, and other individuals. The State Advisory Council consists of a diverse group of committed lay and professionals who team with the administrators, specialists, and agents to give advice, plan, implement, deliver, evaluate and report results/impacts that improve the quality of life for the participants. The State Advisory Council will be reorganized in 2013-2014 along the five major program areas, in addition to the Legislative and Merit Review Committees. The annual meeting of the State Advisory Council is held in February. Quarterly or semi-annual meetings are scheduled on the basis of need to address critical issues. Also, each of the six Extension County Units has Program Action Committees (PAC) which help to identify problems/issues that are relevant to the local needs of clientele in each area of Extension activity, and provide input into program planning, implementation, and evaluation for the Annual Plan of Work.

**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
- Use Internal Focus Groups
- Use External Focus Groups
- Open Listening Sessions
- Needs Assessments
- Use Surveys

**Brief explanation.**

The processes that will be used to identify individuals and groups will consist of public listening sessions, program action committees, forums, farmers conference, economic development summit, county advisory council members, state advisory council members, and local community elected officials.

The methods used to identify individuals, groups, and stakeholders will consist of local public meetings, making public announcements on radio, television, newspapers, leaflets, and community organizations, including faith-based institutions, where possible, and specialists and agent contacts.

**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
- Survey of traditional Stakeholder groups
- Meeting with traditional Stakeholder individuals
- Survey of traditional Stakeholder individuals
- Meeting with the general public (open meeting advertised to all)
- Survey of the general public
- Meeting specifically with non-traditional groups

- Survey specifically with non-traditional groups
- Meeting specifically with non-traditional individuals
- Survey specifically with non-traditional individuals
- Meeting with invited selected individuals from the general public
- Survey of selected individuals from the general public

**Brief explanation.**

The methods used for collecting stakeholders' input will be listening sessions, interactive methods (discussion groups), recommendations from program action committees, county advisory council members, state advisory council members, and local community elected officials. Problems/issues identified from each county Extension unit will be forwarded to all levels for review and recommendations until a final decision is made. Priority will be given to those areas affecting the greatest number of people.

**3. A statement of how the input will be considered**

- In the Budget Process
- To Identify Emerging Issues
- Redirect Extension Programs
- In the Action Plans
- To Set Priorities

**Brief explanation.**

Input will be considered based upon needs of the clientele and priorities of the Extension program goals and objectives, such as budgeting, emerging issues, and redirecting extension programs.

**V. Planned Program Table of Content**

S. No.	PROGRAM NAME
1	Small-Scale Farming and Food Security
2	Youth Leadership, Science, and Technology Education
3	Childhood and Family Obesity Prevention
4	Community Resources and Economic Development
5	Renewable Resources and Sustainable Energy

## **V(A). Planned Program (Summary)**

### **Program # 1**

#### **1. Name of the Planned Program**

Small-Scale Farming and Food Security

#### **2. Brief summary about Planned Program**

Global food security and small-scale farming addresses the challenges facing small-scale producers, their families, and their communities. The issues of declining numbers of small-scale producers, land loss by small-scale producers, lack of resources, lack of marketing opportunities, low profitability, dying communities and globalization are critical to small-scale agriculture. This Program area emphasizes the following ETPs and/or initiatives: (a) Small farmers, Landownership, and Agribusiness Cooperatives, (b) Horticulture and Community Gardens, and (c) Livestock Production and Marketing. Initiatives and components of the three ETPs include: Sustainable Agriculture Practices and Community Gardening, Beginning Farmer and Rancher Development, Small Ruminants and Livestock Production, Small Farm outreach, Training, and Technical Assistance, Cooperative Marketing, Forest Landowners Education, Youth Forestry Camps, etc. Collectively, this project will result in small-scale producers and/or communities making informed and research-based decisions, because they will understand the nature of change in agriculture; understand and be able to use tools, strategies, and techniques that are applicable to them. Also, they will have more access to markets, USDA programs and resources, and increase profitability and sustainability of the farm land.

**3. Program existence :** Mature (More than 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 :** Yes



**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		10%		
111	Conservation and Efficient Use of Water		10%		
123	Management and Sustainability of Forest Resources		10%		
131	Alternative Uses of Land		15%		
211	Insects, Mites, and Other Arthropods Affecting Plants		10%		
301	Reproductive Performance of Animals		10%		
501	New and Improved Food Processing Technologies		15%		
601	Economics of Agricultural Production and Farm Management		20%		
	<b>Total</b>		100%		

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

1. Situation and priorities

This program area addresses the challenges facing small-scale producers, their families, and their communities: lack of access to capital, lack of markets, opportunity to do business with major food retailers, and lack of viable farmer networks. Impacts from this project will result in small-scale producers and/or their communities making informed and research-based decisions; understanding the nature of change in agricultural production, as well as being able to use tools, strategies, and techniques that are applicable to them in increasing profitability and sustainability. Also, attention is given to a growing concern relative to the use of chemicals, preservation methods, and food safety.

2. Scope of the Program

- In-State Extension
- Integrated Research and Extension

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

1. Assumptions made for the Program

- Farmers, landowners, and their families will accept the information provided
- Partners and agencies will cooperate with project personnel
- Funding will be available to execute project
- Financial crises will abate
- Personnel will adhere to government regulations

2. Ultimate goal(s) of this Program

The ultimate goal of this program is to increase production, profitability and sustainability for small-scale producers, and thus participate in the enhancement of global food security and improve the quality of life in farm and rural families.

**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
2014	0.0	10.0	0.0	0.0
2015	0.0	10.0	0.0	0.0
2016	0.0	10.0	0.0	0.0
2017	0.0	10.0	0.0	0.0
2018	0.0	10.0	0.0	0.0

**V(F). Planned Program (Activity)**

**1. Activity for the Program**

The primary program activities will consist of general educational sessions, workshops, group discussions, conferences and field demonstrations such as the sustainable agriculture field day, annual farmers' conference, master goat certification program, pasture and forage management workshop, and integrated pest management sessions. Additionally, the potential benefits for application of remote sensing in small agriculture production will also be explored. These activities will be given in the areas of fruits and vegetables, animal production, and underserved non-industrial forest land ownership management.

**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"> <li>● Education Class</li> <li>● Workshop</li> <li>● Group Discussion</li> <li>● One-on-One Intervention</li> <li>● Demonstrations</li> </ul>	<ul style="list-style-type: none"> <li>● Public Service Announcement</li> <li>● Newsletters</li> <li>● Web sites other than eXtension</li> </ul>

**3. Description of targeted audience**

The targeted audience will consist of small-scale producers and landowners in the 12 Black Belt and surrounding counties in Alabama.

## **V(G). Planned Program (Outputs)**

NIFA no longer requires you to report target numbers for standard output measures in the Plan of Work. However, all institutions will report actual numbers for standard output measures in the Annual Report of Accomplishments and Results. The standard outputs for which you must continue to collect data are:

- Number of contacts
  - Direct Adult Contacts
  - Indirect Adult Contacts
  - Direct Youth Contacts
  - Indirect Youth Contact
- Number of patents submitted
- Number of peer reviewed publications

Clicking this box affirms you will continue to collect data on these items and report the data in the Annual Report of Accomplishments and Results.

## **V(H). State Defined Outputs**

### **1. Output Measure**

- The output target will consist of training, technical assistance, and service in Horticulture, Plasticulture, Organic Farming, Food Processing, Cooperatives, Markets, Enterprise Budgeting and Economic Analysis, Forest Management, Animal Management and Marketing involving farmers, landowners, homeowners, senior citizens, youth farmer organizations, federal and state agencies and private industry.
- Clicking this box affirms you will continue to collect data on these items and report the data in the Annual Report of Accomplishments and Results.

**V(I). State Defined Outcome**

O. No	Outcome Name
1	The output target will consist of training in Integrated Pest Management, Plasticulture, Organic Farming, Forest Management, Animal Management and Marketing involving farmers, landowners, homeowners, senior citizens, youth farmer organizations, federal and state agencies and private industry.

### **Outcome # 1**

#### **1. Outcome Target**

The output target will consist of training in Integrated Pest Management, Plasticulture, Organic Farming, Forest Management, Animal Management and Marketing involving farmers, landowners, homeowners, senior citizens, youth farmer organizations, federal and state agencies and private industry.

#### **2. Outcome Type : Change in Knowledge Outcome Measure**

#### **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
- 131 - Alternative Uses of Land
- 211 - Insects, Mites, and Other Arthropods Affecting Plants
- 301 - Reproductive Performance of Animals
- 501 - New and Improved Food Processing Technologies
- 601 - Economics of Agricultural Production and Farm 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
- Appropriations changes
- Public Policy changes
- Government Regulations
- Competing Public priorities
- Competing Programmatic Challenges
- Populations changes (immigration, new cultural groupings, etc.)

#### **Description**

Weather and climatic conditions, government, pest and diseases, economy, cultural factors and immigration, and public policy changes can affect the outcomes.

### **V(K). Planned Program - Planned Evaluation Studies**

#### **Description of Planned Evaluation Studies**

The evaluations will measure results in small-scale producers and/or communities making informed and research-based decisions, understanding the nature of changes in agriculture, understanding and being able to use tools, strategies, and techniques that are applicable to them and increasing production, profitability and sustainability, thus improving their quality of life.

**V(A). Planned Program (Summary)**

**Program # 2**

**1. Name of the Planned Program**

Youth Leadership, Science, and Technology Education

**2. Brief summary about Planned Program**

This program focuses on providing youth and young adults with opportunities to increase knowledge and skills by engaging participants in experiential hands-on learning, and improve leadership and job skills through the development of entrepreneurship in the agribusiness and food nutrition sectors. This program area emphasizes the following ETPs: (a) Citizen and Leadership Development, (b) Science, Technology, Engineering, and Math (STEM) Education, and (c) Youth Gardens, Livestock Shows, and the Agrifood Sector. Capacity grants, integrated research, extension and outreach, as well as other resources participating in the ETPs include: 4-H Programs, Youth Extension Paraprofessionals, Summer Camps, Tech Academies, and on-going, year-round county programs in the after-school settings.

**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 :** Yes

**V(B). Program Knowledge Area(s)**

1. Program Knowledge Areas and Percentage

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
806	Youth Development		100%		
	<b>Total</b>		100%		

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

**1. Situation and priorities**

The future workforce needs of Alabama's Black Belt counties will depend on providing youth with well-tailored experiential learning opportunities in the areas of science, technology and leadership in order to become more successful in subsequent cycles in either education. The prevalence of agriculture in these rural areas call also for related activities as background to which local youth can easily relate.

**2. Scope of the Program**

- In-State Extension
- Multistate Extension
- Integrated Research and Extension

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

**1. Assumptions made for the Program**

- Our Tech Academies in planning for the last 15 months or so will come to fruition and find homes and support in the 5 school systems targeted for after school opportunities
- Parents, teachers, advisors, and other adult volunteers will be involved on a sustained basis
- The 3 ETPs fit well together to be complementary of each other in giving better learning opportunities to targeted youth
- Information exists on best practices in accessing freeware programs and in using social media for youth.
- People will be motivated to learn/change.
- External funds and agents can serve as catalysts for change.

**2. Ultimate goal(s) of this Program**

The ultimate goal for this program is to provide settings and experiential learning opportunities that help targeted youth to be better prepared, and make decisions that enhance their leadership, understanding and application of science, technology, engineering, and math in a way that leads to personal growth, and participation and contribution to the local, national and global society. The other goal is to be able to apply the knowledge and skills learned to gardening and other agrifood activities, and vice versa.

**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
2014	0.0	6.0	0.0	0.0
2015	0.0	6.0	0.0	0.0
2016	0.0	6.0	0.0	0.0
2017	0.0	6.0	0.0	0.0
2018	0.0	6.0	0.0	0.0

**V(F). Planned Program (Activity)**

**1. Activity for the Program**

- Leadership Workshops
- Citizenship Education Tours
- 4-H Clubs
- After-school Tech Academies (GIS, Social Media Education, Entrepreneurship, etc.)
- Youth Gardens
- Youth Cattle and Goat Shows
- Group discussions
- Summer Camps



**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"> <li>● Education Class</li> <li>● Workshop</li> <li>● Group Discussion</li> <li>● One-on-One Intervention</li> <li>● Demonstrations</li> <li>● Other 1 (Camps)</li> </ul>	<ul style="list-style-type: none"> <li>● Public Service Announcement</li> <li>● Newsletters</li> <li>● eXtension web sites</li> <li>● Web sites other than eXtension</li> </ul>

**3. Description of targeted audience**

Pre-K Students, Teachers and Parents  
 Mid Schoolers  
 High Schoolers  
 Collegiate Students

**V(G). Planned Program (Outputs)**

NIFA no longer requires you to report target numbers for standard output measures in the Plan of Work. However, all institutions will report actual numbers for standard output measures in the Annual Report of Accomplishments and Results. The standard outputs for which you must continue to collect data are:

- Number of contacts
  - Direct Adult Contacts
  - Indirect Adult Contacts
  - Direct Youth Contacts
  - Indirect Youth Contact
- Number of patents submitted
- Number of peer reviewed publications

Clicking this box affirms you will continue to collect data on these items and report the data in the Annual Report of Accomplishments and Results.

## **V(H). State Defined Outputs**

### **1. Output Measure**

- Numbers and participants in:
  - Citizenship Education Tours
  - 4-H Clubs
  - After-school Tech Academies (GIS, Social Media Education, Entrepreneurship, etc.)
  - Youth Gardens
  - Youth Cattle and Goat Shows
  - Group discussions
  - Summer Camps
  
- Clicking this box affirms you will continue to collect data on these items and report the data in the Annual Report of Accomplishments and Results.

**V(I). State Defined Outcome**

O. No	Outcome Name
1	Participant's knowledge, understanding, and application of science, technology, engineering and math concepts; application of technical skills to grow and prepare food items in, and on from the gardens; quality of cattle and goats participating in livestock shows; public speaking, marketing, decision-making and agrifood business and leadership.

**Outcome # 1**

**1. Outcome Target**

Participant's knowledge, understanding, and application of science, technology, engineering and math concepts; application of technical skills to grow and prepare food items in, and on from the gardens; quality of cattle and goats participating in livestock shows; public speaking, marketing, decision-making and agrifood business and leadership.

**2. Outcome Type : Change in Action Outcome Measure**

**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**

- Natural Disasters (drought, weather extremes, etc.)
- Economy
- Appropriations changes
- Public Policy changes
- Government Regulations
- Populations changes (immigration, new cultural groupings, etc.)

**Description**

State policies that seek to support more private schools might take resources away from public schools in our targeted areas.

Decrease in appropriation from State budgets continues to be a threat to the sustainability of the program

How local school systems take in immigrant youth populations also affect the outcomes

**V(K). Planned Program - Planned Evaluation Studies**

**Description of Planned Evaluation Studies**

All participants will be tested to determine their prior knowledge of knowledge and preparedness they possess in science, technology, and math-related concepts, as well as knowledge and skills acquired throughout workshops and other experiential learning activities. Participation in public speaking, livestock shows, youth gardens, and other regional or national 4-H activities will also serve as input to an evaluation study. Student participants will be compared to cohorts that did not receive training in terms of increased awareness, knowledge, skills, decision making, and ultimately, change in behavior and conditions.



**V(A). Planned Program (Summary)**

**Program # 3**

**1. Name of the Planned Program**

Childhood and Family Obesity Prevention

**2. Brief summary about Planned Program**

Tuskegee University Cooperative Extension Program is concerned about food intake and dietary patterns of limited resource families in the Alabama Black Belt. Limited resources families are at nutritional risk. Over 80% of people with Type 2 diabetes are obese or overweight. African Americans, and especially women are carrying much of the weight. Children in these communities are at evn greater risk.

This program area will focus on using curriculum and other experiential learning setings to provide education about nutrition, nutrition and behavior and lifestyles conducive to obesity prevention in children, young adults, and other members of the families. Key ETPs will include: (a) Healthy Lifestyles for Families, and (b) Year-Round Health Youth Academies. Grants, intergrated research, extension and outreach contributing to the two focci include Expanded Food and Nutrition Education Program (EFNEP), Family First: Nutrition Education and Wellness, Parenting for Families at Risk, Skegee Fit, the Media-Smart Eat, Think, and Be Active:A Workshop Curriculum for youth ages 11-13 will be used.

**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 :** Yes

**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		40%		
711	Ensure Food Products Free of Harmful Chemicals, Including Residues from Agricultural and Other Sources		10%		
723	Hazards to Human Health and Safety		10%		
724	Healthy Lifestyle		40%		
	<b>Total</b>		100%		

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

**1. Situation and priorities**

TUCEP is concerned with food intake and dietary patterns of Alabamians. Limited resource families are at nutritional risk and prone to obesity due to the existence of factors which hinder healthful food choices of this group. Children in particular are at more sustained risks of obesity and related health challenges if proper education does not start early and does not invlove whole families. Priority in this

program area will be in preventing obesity in children in their pre-K, and other elementary level settings in a way that includes parents, teachers and advisors. Awareness and better health style education and intervention will continue for adults of all ages.

**2. Scope of the Program**

- In-State Extension
- Multistate Extension
- Multistate Integrated Research and Extension

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

**1. Assumptions made for the Program**

The assumption is that limited resource families want to learn nutritional education and family well-being to prevent health disparities and live longer healthy lives; that the curriculum used will keep participants motivated and involved throughout its duration; that organizations with similar goals will partner with this program; that participants will be receptive to information provided by the program; that through the three components on nutritional education, physical activity, and behavior modification, program participants will improve overall health and maintain a better quality of life.

**2. Ultimate goal(s) of this Program**

The objective is to increase awareness among racial and ethnic minority groups in Alabama about the risk factors of obesity and subsequent diseases such as heart diseases, high blood pressure and diabetes. Participants will gain knowledge from health and fitness programs offered to prevent obesity. Information in the curriculum is based on results of scientific and educational research, observation, and clinical trials.

**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
2014	0.0	5.5	0.0	0.0
2015	0.0	5.5	0.0	0.0
2016	0.0	5.5	0.0	0.0
2017	0.0	5.5	0.0	0.0
2018	0.0	5.5	0.0	0.0

**V(F). Planned Program (Activity)**

**1. Activity for the Program**

Educational activities that will be held include workshops, year-round or extended summer programs, one-on-one intervention, in-school and after-school demonstrations and lectures and in-service training

meetings for Extension agents and paraprofessionals who will participate in this program. Key program activities will include, summer youth college program, summer health and fitness academy, and EFNEP educational sessions. Also with food demonstrations, participants will have food recording database; bi-weekly exercise class; weekly weigh-ins; support group/counseling.

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

<b>Extension</b>	
<b>Direct Methods</b>	<b>Indirect Methods</b>
<ul style="list-style-type: none"> <li>● Education Class</li> <li>● Workshop</li> <li>● Group Discussion</li> <li>● One-on-One Intervention</li> <li>● Demonstrations</li> </ul>	<ul style="list-style-type: none"> <li>● Public Service Announcement</li> <li>● Billboards</li> <li>● Newsletters</li> <li>● TV Media Programs</li> <li>● Web sites other than eXtension</li> </ul>

**3. Description of targeted audience**

The target audience will consist of under-served and under-represented youth and adult populations in the twelve Black Belt counties of Alabama.

**V(G). Planned Program (Outputs)**

NIFA no longer requires you to report target numbers for standard output measures in the Plan of Work. However, all institutions will report actual numbers for standard output measures in the Annual Report of Accomplishments and Results. The standard outputs for which you must continue to collect data are:

- Number of contacts
  - Direct Adult Contacts
  - Indirect Adult Contacts
  - Direct Youth Contacts
  - Indirect Youth Contact
- Number of patents submitted
- Number of peer reviewed publications

Clicking this box affirms you will continue to collect data on these items and report the data in the Annual Report of Accomplishments and Results.



## **V(H). State Defined Outputs**

### **1. Output Measure**

- This Program will follow Outcome Evaluation Methods by Green and Kreuter, 1991. This type of evaluation will provide data concerning short-term effects of the program, including increased awareness and knowledge, expressed intentions to make recommended changes, and responses to public service announcements. The measures can be self reported (interviews with the intended audience) in evident changes in the number of people loose weight, and amount of weight lost, change in small steps to improved behavior and healthy lifestyles, etc.
- Clicking this box affirms you will continue to collect data on these items and report the data in the Annual Report of Accomplishments and Results.

**V(I). State Defined Outcome**

O. No	Outcome Name
1	The outcome is to prevent obesity in children, young adults, and other members of the families, which will decrease the risk of high blood pressure, diabetes, and heart diseases. The ultimate outcome is the improvement in the quality of life, by incorporating skills and change behavior; increasing the number of people following exercising guidelines (60-minutes, 5 days a week); the percent of participants using food guide pyramids and dietary guidelines will increase; and the percent of participants reporting improved quality of life will increase.

**Outcome # 1**

**1. Outcome Target**

The outcome is to prevent obesity in children, young adults, and other members of the families, which will decrease the risk of high blood pressure, diabetes, and heart diseases. The ultimate outcome is the improvement in the quality of life, by incorporating skills and change behavior; increasing the number of people following exercising guidelines (60-minutes, 5 days a week); the percent of participants using food guide pyramids and dietary guidelines will increase; and the percent of participants reporting improved quality of life will increase.

**2. Outcome Type :** Change in Condition Outcome Measure

**3. Associated Knowledge Area(s)**

- 703 - Nutrition Education and Behavior
- 711 - Ensure Food Products Free of Harmful Chemicals, Including Residues from Agricultural and Other Sources
- 723 - Hazards to Human Health and Safety
- 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.)
- Economy
- Appropriations changes
- Government Regulations
- Competing Programmatic Challenges
- Populations changes (immigration, new cultural groupings, etc.)

**Description**

Factors which may affect the outcomes are lack of funding sources, a captive audience, program location, lack of continued support of the community and local health agencies/organizations and sponsors .

**V(K). Planned Program - Planned Evaluation Studies**

**Description of Planned Evaluation Studies**

There will be formative or an ongoing evaluation on each lesson taught. Impact of nutrition, healthy life style education and childhood obesity focus will be done through statistical analysis, observations, and testimonials.

**V(A). Planned Program (Summary)**

**Program # 4**

**1. Name of the Planned Program**

Community Resources and Economic Development

**2. Brief summary about Planned Program**

This program will focus on community resources and leadership development, business and entrepreneurial development, individual and family financial management, and home ownership and asset development and education, etc. ETPs and initiatives include Small Business and Entrepreneurship Development, Volunteer Income Tax Assistance and Personal Finance Education, Housing and Asset Development and Education, Leadership and Community Revitalization, etc.

**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 :** Yes

**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		25%		
608	Community Resource Planning and Development		25%		
805	Community Institutions, Health, and Social Services		25%		
903	Communication, Education, and Information Delivery		25%		
	<b>Total</b>		100%		

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

**1. Situation and priorities**

Social and economic indicators in the Black Belt counties of Alabama show low levels of income, education, and high levels of unemployment and poverty. In 2008, a report, Bridging the Gap:Alabama's Working Families and the Broken Promise of Economic Opportunity, states, "More than one-third of all working families in Alabama are low-income, earning less than 200 percent of the federal poverty threshold. . .Alabama's public policies have failed to make available to low-income workers the education, skills certification or training necessary to compete in a 21st-century economy. Alabama's budgeting and taxation processes have failed to provide the resources to support policies that can assist workers in meeting their families' needs and places a disproportionate tax burden on low-income workers" . This program area therefore aims at enhancing the capacity of citizens to transform their communities through individual leadership and resource management and business planning and technical assistance. ETPs for

this program area will include: (a) Volunteer Leadership Development, and (b) Financials, Job and Business Start-up Readiness for families and Communities Organizations.

**2. Scope of the Program**

- In-State Extension
- Multistate Extension
- Integrated Research and Extension

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

**1. Assumptions made for the Program**

Start-up businesses and existing business owners will accept the information provided. Partners and agencies will cooperate with project personnel. Policies at the the state level will be enacted to reduce predatory practices from the business community. Funding will be available to execute special outreach efforts. Appropriate personnel will be hired to implement projects.

**2. Ultimate goal(s) of this Program**

This program and related activities will assist low-income families, and start-up business owners with business planning as well as help with other tools for sound decision-making, especially financial and long-term planning. The Individual Leadership focus will enhance the leadership capacity of individuals, organizations, community residents and leaders with requisite skills in leadership.

**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
2014	0.0	3.5	0.0	0.0
2015	0.0	3.5	0.0	0.0
2016	0.0	3.5	0.0	0.0
2017	0.0	3.5	0.0	0.0
2018	0.0	3.5	0.0	0.0

**V(F). Planned Program (Activity)**

**1. Activity for the Program**

Extension activities will include job readiness, business and leadership development skills workshops, resource development and proposal writing, business and personal finance planning workshops, one-on-one technical assistance for loan applications and volunteer tax assistance, short-term skills training, volunteer leadership development, and personal finance management in collaboration with other community agencies. the annual Booker T. Waashington Economic Development Summit will also continue to be a primary outreach and educational conference for this program area.

**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"> <li>● Education Class</li> <li>● Workshop</li> <li>● Group Discussion</li> <li>● One-on-One Intervention</li> </ul>	<ul style="list-style-type: none"> <li>● Public Service Announcement</li> <li>● Newsletters</li> <li>● TV Media Programs</li> <li>● Web sites other than eXtension</li> </ul>

**3. Description of targeted audience**

The target audiences will be start-up entrepreneurs, existing business owners, unemployed from low-income communities, leadership from civic and social community organizations and leadership from faith-based organizations.

**V(G). Planned Program (Outputs)**

NIFA no longer requires you to report target numbers for standard output measures in the Plan of Work. However, all institutions will report actual numbers for standard output measures in the Annual Report of Accomplishments and Results. The standard outputs for which you must continue to collect data are:

- Number of contacts
  - Direct Adult Contacts
  - Indirect Adult Contacts
  - Direct Youth Contacts
  - Indirect Youth Contact
- Number of patents submitted
- Number of peer reviewed publications

Clicking this box affirms you will continue to collect data on these items and report the data in the Annual Report of Accomplishments and Results.

**V(H). State Defined Outputs**

**1. Output Measure**

- Participants will be trained in leadership skills development, business planning and management, and how to access loans, employment, and other resources.
- Clicking this box affirms you will continue to collect data on these items and report the data in the Annual Report of Accomplishments and Results.

**V(I). State Defined Outcome**

O. No	Outcome Name
1	Acquisition of jobs skills and actual employment Reduction in personal credit challenges Development business plans Access to personal and business loans



**Outcome # 1**

**1. Outcome Target**

Acquisition of jobs skills and actual employment  
Reduction in personal credit challenges  
Development business plans  
Access to personal and business loans

**2. Outcome Type : Change in Action Outcome Measure**

**3. Associated Knowledge Area(s)**

- 602 - Business Management, Finance, and Taxation
- 608 - Community Resource Planning and Development
- 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**

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

**Description**

Government policies, economy, cultural factors, lack of access to information technology infrastructure, and private business loans tend to remain more of a challenge in the small rural communities and are likely to affect the outcomes of the program

**V(K). Planned Program - Planned Evaluation Studies**

**Description of Planned Evaluation Studies**

Participants will be given pre and post test to determine their knowledge of business and leadership development skills. Records will be kept to determine the effectiveness of program intervention, the number of jobs acquired, small businesses started and the number of loans secured.



**V(A). Planned Program (Summary)**

**Program # 5**

**1. Name of the Planned Program**

Renewable Resources and Sustainable Energy

**2. Brief summary about Planned Program**

This Program area addresses a variety of critical educational needs in the areas of water quality and sustainable energy. Special emphasis will also be placed on (a) Master Rural Well Owner, and (b) home energy management, energy audits, and septic systems management education. Additional emphasis will also be placed on natural resource management education for youth and young adults in the Black Belt region of Alabama. Immediate to moderate measurable outcomes associated with program activities will include the number of home/farm environmental assessments conducted, the number of management plans written, and plans/practices adopted. Long term outcomes will focus on the increased natural resource educational base of targeted youth, the number of young adults choosing careers in natural resources related areas, and the improved quality of area streams, private wells, watersheds as a whole. Laboratory assistance and resource support will be provided by the George Washington Carver Agricultural Experiment Station. Projects in sustainable energy and climate change will be undertaken to address to needs of clientele in the Alabama Black Belt.

**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 :** Yes

**V(B). Program Knowledge Area(s)**

1. Program Knowledge Areas and Percentage

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
104	Protect Soil from Harmful Effects of Natural Elements		15%		
111	Conservation and Efficient Use of Water		20%		
112	Watershed Protection and Management		15%		
131	Alternative Uses of Land		20%		
132	Weather and Climate		10%		
133	Pollution Prevention and Mitigation		20%		
	<b>Total</b>		100%		

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

**1. Situation and priorities**

Natural resources and environmental education and justice are neither racial or gender specific, yet they address the lives of Alabamians across economic and rural/urban boundaries. Changing behavior is an outcome of gaining information. The impact of uniformed decisions is critical to understanding the need for change and the value of collective action by community residents especially those in the Black Belt counties in setting the "agenda" for environmental safety, preservation and sustainability. Watershed and wellhead data collection will be coordinated to complement current research needs and future expectations. As a member of the 1890 Water Quality Group, environmental assessments and water quality studies will be conducted in accordance with national standards and will become part of a region watershed impact study. The focus in this program area will be to help rural families to improve their well sources of water, and gain control of energy use in their homes, businesses, and on the farms.

**2. Scope of the Program**

- In-State Extension
- Multistate Extension
- Integrated Research and Extension

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

**1. Assumptions made for the Program**

- Responsible environmental stewardship is essential to sustainable community development and resource conservation.
- Entire populations and communities need to effectively receive environmental education. The delivery of this educational information is said to be most effective in youth and young adult populations.
- Concerted efforts aimed toward responsible environmental conservation need to occur on every level (private well owners - elected officials).
- The overall environmental health of any community ultimately depends upon the entire realm of physical-physiological indicators, including climate change and sustainable energy.

**2. Ultimate goal(s) of this Program**

The objectives are to address a variety of critical educational needs in the areas of natural resources and environmental management in general, and water quality and efficient energy use in particular.

**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
2014	0.0	2.5	0.0	0.0
2015	0.0	2.5	0.0	0.0
2016	0.0	2.5	0.0	0.0
2017	0.0	2.5	0.0	0.0
2018	0.0	2.5	0.0	0.0

**V(F). Planned Program (Activity)**

**1. Activity for the Program**

The Integrated Natural Resources and Environmental Education program activities include private well testing/wellhead protection, and home air quality assessments and energy audits. The activities will also be part of youth programs such as the Annual Forestry Camps, Kids-N-Creek camps, Kids Day on the Farm camps and County Annual Water Festivals.

**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"> <li>● Education Class</li> <li>● Workshop</li> <li>● Group Discussion</li> <li>● One-on-One Intervention</li> <li>● Demonstrations</li> </ul>	<ul style="list-style-type: none"> <li>● Public Service Announcement</li> <li>● Newsletters</li> <li>● TV Media Programs</li> <li>● Web sites other than eXtension</li> </ul>

**3. Description of targeted audience**

The target audience consist of youths and adults, rural and urban agriculture clientele with needs in the areas water quality, energy audits, and other and environmental management issues or opportunities.

**V(G). Planned Program (Outputs)**

NIFA no longer requires you to report target numbers for standard output measures in the Plan of Work. However, all institutions will report actual numbers for standard output measures in the Annual Report of Accomplishments and Results. The standard outputs for which you must continue to collect data are:

- Number of contacts
  - Direct Adult Contacts
  - Indirect Adult Contacts
  - Direct Youth Contacts
  - Indirect Youth Contact
- Number of patents submitted
- Number of peer reviewed publications

Clicking this box affirms you will continue to collect data on these items and report the data in the Annual Report of Accomplishments and Results.

## **V(H). State Defined Outputs**

### **1. Output Measure**

- Rural well owners and homeowners will be exposed to a set of activities intended to improve the quality of their private water wells, and the use of energy in their homes, farms and other businesses. Underserved Black Belt area grade school students will be exposed to specific age appropriate educational activities designed to reinforce current classroom instructional curriculums on natural resource management. While targeting the youth, parents, volunteers and community leaders will also be provided necessary instructions in responsible environmental stewardship practices and principles, including information on climate change and sustainable energy.
- Clicking this box affirms you will continue to collect data on these items and report the data in the Annual Report of Accomplishments and Results.

**V(I). State Defined Outcome**

O. No	Outcome Name
1	Youth participants will acquire knowledge, skills and awareness regarding well head protection, point/non-point source pollution, environmental stewardship, management of natural resources and water conservation,as well as climate change and sustainable energy. Adult participants will incorporate skills/knowledge and change behavior related to: pollution prevention, management of water resources, litter disposal and waste management, conservation and recycling of natural resources and safe and effective use of fertilizers and pesticides. Awareness will be acquired in climate change and sustainable energy.

**Outcome # 1**

**1. Outcome Target**

Youth participants will acquire knowledge, skills and awareness regarding well head protection, point/non-point source pollution, environmental stewardship, management of natural resources and water conservation, as well as climate change and sustainable energy. Adult participants will incorporate skills/knowledge and change behavior related to: pollution prevention, management of water resources, litter disposal and waste management, conservation and recycling of natural resources and safe and effective use of fertilizers and pesticides. Awareness will be acquired in climate change and sustainable energy.

**2. Outcome Type : Change in Condition Outcome Measure**

**3. Associated Knowledge Area(s)**

- 104 - Protect Soil from Harmful Effects of Natural Elements
- 111 - Conservation and Efficient Use of Water
- 112 - Watershed Protection and Management
- 131 - Alternative Uses of Land
- 132 - Weather and Climate
- 133 - Pollution Prevention and Mitigation

**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
- Public Policy changes
- Government Regulations
- Competing Programmatic Challenges
- Populations changes (immigration, new cultural groupings, etc.)

**Description**

There are no other public entities that promote responsible management of private wells and landowners' resources, including all aspects of landowner liabilities. No existing agency primarily targets environmental education in the Black Belt population of Alabama, especially the underserved portions of this population. Tuskegee University has in place a state of the art 's teaching model for indoor air quality and other environmental factors. Diagnostic testing capabilities are being revived at Tuskegee University. Tuskegee University has extensive experience of public advocacy forums surrounding



environmental justice issues including landfills.

## **V(K). Planned Program - Planned Evaluation Studies**

### **Description of Planned Evaluation Studies**

Evaluations will be based on data concerning short term effects of the ETP, including assessments relative to increased awareness and knowledge of the content matter of this ETP, expressed intentions to follow recommended changes, and observations.