

V(A). Planned Program (Summary)

Program # 8

1. Name of the Planned Program

Youth Development

Reporting on this Program

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		20%		40%
806	Youth Development		80%		60%
	Total		100%		100%

V(C). Planned Program (Inputs)

1. Actual amount of FTE/SYs expended this Program

Year: 2014	Extension		Research	
	1862	1890	1862	1890
Plan	0.0	8.0	0.0	1.0
Actual Paid	0.0	8.5	0.0	0.0
Actual Volunteer	0.0	0.0	0.0	0.0

2. Actual dollars expended in this Program (includes Carryover Funds from previous years)

Extension		Research	
Smith-Lever 3b & 3c	1890 Extension	Hatch	Evans-Allen
0	328354	0	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
0	303591	0	0
1862 All Other	1890 All Other	1862 All Other	1890 All Other
0	0	0	0

V(D). Planned Program (Activity)

1. Brief description of the Activity

The following activities will be continued: Livestock, Poultry and Rabbit Show; Youth Educational Support (YES) and After School Program; Parish Achievement Days; Science Fairs; Field Trips; Family and Youth Exposition.

- Meetings/workshops; PSA'S, fact sheets, youth website, media literacy, mentoring programs (with community leaders); and commercial peer counseling will be developed or conducted.
- Research-based educational information will be communicated to youth through extension personnel in the form of publications, conferences, workshops, field days, home/office visits, demonstrations and other educational resources.
- Collaborate, cooperate and partner with local, state and federal agencies, institutions, groups, private organizations/associations in seeking and delivering services to citizens.
- -Focus on the learning experience of children, youth, and families in communities with at risk environments to increase self-reliance, self-esteem, and confidence.
- -Organize youth back-to-school summit to address risky behaviors and encourage healthy lifestyles.
- -Teach business techniques, ethics and etiquette as prerequisite to business start-up.
- -Show aspiring entrepreneurs how to identify potential business opportunities.

2. Brief description of the target audience

A large number of children under 18 years of age are placed at risk because their families survive on low income and limited resources. They lack knowledge, information, and/or skills to utilize existing resources to improve their quality of life. Eighteen percent of Louisiana families with children and 23 percent of adults without children live in poverty. Poverty rates are higher among African-Americans (44 percent) and children 18 and under (31 percent). Louisiana ranks 13th in the US for Food Stamp Program participation, 74 percent of those eligible. The program targets such children ages 5 -18 years who are vulnerable to these situations. Parents and/or guardians of these children are also targeted. Additionally, children and adolescents who are placed at risk, those who are potentially at risk and children who need various forms of mentoring will also benefit. Program staff and volunteers will be trained to ensure effective and efficient delivery of information.

3. How was eXtension used?

{No Data Entered}

V(E). Planned Program (Outputs)

1. Standard output measures

2014	Direct Contacts Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Actual	0	0	96305	318420

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

Year: 2014

Actual: 0

Patents listed

3. Publications (Standard General Output Measure)

Number of Peer Reviewed Publications

2014	Extension	Research	Total
Actual	0	0	0

V(F). State Defined Outputs

Output Target

Output #1

Output Measure

- 1. Number of educational program activities

Year	Actual
2014	922

Output #2

Output Measure

- 2. Number of educational contacts

Year	Actual
2014	414725

Output #3

Output Measure

- 3. Number of published materials distributed

Year	Actual
2014	5269

Output #4

Output Measure

- 4. Number of research & extension outreach publications developed (in-house)

Year	Actual
2014	60

V(G). State Defined Outcomes

V. State Defined Outcomes Table of Content

O. No.	OUTCOME NAME
1	1. Percent of youth who gained new knowledge/skills or awareness
2	2. Number of volunteer leaders (trained to lead youth participants)
3	3. Number of youth participants involved in community activities
4	4. Percent of youth who changed behavior, attitude or lifestyle

Outcome #1

1. Outcome Measures

1. Percent of youth who gained new knowledge/skills or awareness

2. Associated Institution Types

- 1890 Extension
- 1890 Research

3a. Outcome Type:

Change in Knowledge Outcome Measure

3b. Quantitative Outcome

Year	Actual
2014	36

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

The Food and Agricultural systems have called for graduates with strong backgrounds in science, technology and humanities. Projections indicate that there will not be sufficient numbers of graduates to fill crucial scientific and professional positions. Due to the negative connotations, agricultural industry in the USA may not have sufficient scientists and staff to fill vacant positions. Additionally, African-Americans and other minorities have had negative experiences with agricultural endeavors, these audiences still do not fully participate in this industry, primarily beyond service level positions. Financial assistance is a major concern for poor and underserved students and parents when choosing academic majors and career paths. Also, to be successful, futures agricultural scientists need strong mentoring. In Louisiana, financial assistance is available to high school students who score high in both the ACT/SAT and the cumulative grade point average.

What has been done

The grants to enhance student's knowledge and application of standardized test taking skills through instruction in English, mathematics, science reasoning, communication skills, the humanities and computer literacy continued in FY 2014 with 21 students entering the second phase. Seventeen (17) high school juniors from across the state of Louisiana participated in an intensive 5-week summer preparatory program. Also, 15 agriculture-related college students participated in the FY 2014 Ag STARS project. The 21 prepared to meet the minimum requirements necessary to take advantage of the Louisiana Tuition Opportunity Program for Students (TOPS) and gain pre-collegiate experiences via working with USDA field offices with and agricultural establishments. While 15 Ag STARS participated in research mentoring in

scientific research, writing skills, oral communication skills analytical skills, critical-thinking skills, and to prepare and present scholarly papers.

Results

-One Ag STARS participant earned 4.0 GPA in spring 2014; she and also has a cumulative grade point average of 4.0.

Four of the five Ag STARS graduates in the 2013-14 academic year had grade point averages in excess of 3.0.

-Two of the graduates are currently working with the U.S. Department of Agriculture.

-Ag STARS participants received second and third place awards in oral and poster competitions at the 2014 Minorities in Agriculture, Natural Resources and Related Sciences (MANRRS) annual conference held in Birmingham, Alabama in March 2014.

-Four papers and two posters were presented in on-campus seminars.

-One participant also wrote, presented, and submitted a senior thesis to the Honors College.

-Two Ag STARS interned with various USDA agencies in summer 2014.

-One participated in the Summer Research Opportunities Program at an 1862 Land Grant institution.

-21 participants in the academy project gained pre-collegiate experiences via working with USDA field offices

Ag STARS participants' Response to project survey questionnaire: Strongly Agree (SA); Agree (A) or Neutral (N):

1. Awareness of global agricultural and economic problems has increased: SA (70%) A (30%)
2. Greater appreciation for scientific research: SA (60%) A (40%)
3. Improvement in writing skills: SA (20%) A (70%) N (10%)
4. Improvement in oral communication skills: SA (60%) A (40%)
5. Improvement in analytical skills: SA (30%) A (70%)
6. Improvement in critical-thinking skills: SA (50%)

4. Associated Knowledge Areas

KA Code	Knowledge Area
724	Healthy Lifestyle
806	Youth Development

Outcome #2

1. Outcome Measures

2. Number of volunteer leaders (trained to lead youth participants)

2. Associated Institution Types

- 1890 Extension
- 1890 Research

3a. Outcome Type:

Change in Action Outcome Measure

3b. Quantitative Outcome

Year	Actual
2014	500

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

Louisiana youth, like their counterparts in other American states face series of problems including: lack of access to health and mental health care; child abuse and neglect; failing schools; "zero tolerance" school discipline policies; tougher sentencing guidelines drugs and violence, racial and economic disparities; a lack of positive role models and a culture that glorifies excessive consumption violence and triviality. Louisiana's urban and rural youth lacked enrichment programs which focused on life skills, agricultural skills, social skills, and academic enhancement. Youth are still learning about the benefits of being involved in agricultural projects. 18 percent of Louisiana's families with children and 23 percent of adults without children live in poverty. Poverty rates are higher among African-Americans (44 percent) and children 18 and under (31 percent).

What has been done

To combat the devastating effects of severe state budget reductions on research and extension activities, SUAREC's Youth Program recruited volunteers to assist in programs. Five hundred individuals volunteered during scheduled program activities in FY 2014. They were trained to assist in program activities such as the livestock show, youth and family exposition, back-to-school summit and other large events that normally attract large crowd of participants and visitors. Volunteers comprised youth, retired extension agents, agriculture teachers, parents and community supporters. These activities provided opportunity for the youth of Louisiana to develop high self esteem, leadership skills, and entrepreneurship skills.

Results

In the past six years, the state general funds for the SU Ag Center had been reduced by about 45 percent amidst increasing needs for extension and outreach activities. The recruitment and participation of 500 volunteers with an average of 20 volunteer hours greatly enhanced the ability of the center to deliver services to youth. Their volunteer assistance saved the tax payers 10,000 hours of work or an equivalent of 4.81 FTEs (about \$120,000 in real time wages). Additionally, volunteers gained new knowledge and skills about youth program and activities which were greatly beneficial to them, their families and communities.

4. Associated Knowledge Areas

KA Code	Knowledge Area
724	Healthy Lifestyle
806	Youth Development

Outcome #3

1. Outcome Measures

3. Number of youth participants involved in community activities

Not Reporting on this Outcome Measure

Outcome #4

1. Outcome Measures

4. Percent of youth who changed behavior, attitude or lifestyle

2. Associated Institution Types

- 1890 Extension
- 1890 Research

3a. Outcome Type:

Change in Condition Outcome Measure

3b. Quantitative Outcome

Year	Actual
2014	303

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

Louisiana youth, like their counterparts in other American states face series of problems including: lack of access to health and mental health care; child abuse and neglect; failing schools; "zero tolerance" school discipline policies; tougher sentencing guidelines drugs and violence, racial and economic disparities; a lack of positive role models and a culture that glorifies excessive consumption violence and triviality. Louisiana's urban and rural youth lacked enrichment programs which focused on life skills, agricultural skills, social skills, and academic enhancement. Youth are still learning about the benefits of being involved in agricultural projects. 18 percent of Louisiana's families with children and 23 percent of adults without children live in poverty. Poverty rates are higher among African-Americans (44 percent) and children 18 and under (31 percent).

What has been done

SUAREC's Livestock Program designed activities that brought together the extension agents, agriculture teachers, students, parents and community supporters. These activities provided opportunity for the youth of Louisiana to develop high self esteem, leadership skills, and entrepreneurship skills. Livestock training programs were conducted that taught proper handling techniques, health management, production management, and proper showmanship techniques. These livestock programs carry a strong legacy of providing youth of Louisiana the possibility of learning valuable life skills and developing character by participation in a livestock or horse project. SUAREC conducted 10 meetings with 303 youth exhibitors, their parents, agriculture teachers and community supporters; contacted 665 individuals. Media blitz before and after the 71st Annual Livestock Show included:

-Jaguar Nation Radio Inside the SU System which has 60,500 listeners.

- Around Town TV with over 250,000)

-Also: <http://www.aroundtownshow.com/ats/>

-The Advocate - Online information -

http://calendar.theadvocate.com/baton_rouge_la/venues/show/2008845-m-a-edmond-livestock-show-arena

-The Sunday Advocate with over 126,470 readers had full page article/pictures from the Livestock Show: Page 1B

Two local weekly newspapers, the Weekly Press with over 7,500 readers, and the Drum with about 7,500 readers also published article/pictures of the Show.

Youtube video was also placed on the web.

Results

Through the auction process, SUAREC assisted youth participants in selling over \$60,000 worth of products and the Grand Champion steer received a premium price of \$7,500, about above fair market prices. On average, the champion market lamb received \$1,800; the champion market steer received \$5,600; champion market swine received \$1,850; and the champion market goat received \$1,000. These animals were purchased from Louisiana's youth with money donated by livestock contributors. A survey conducted during the 2014 Livestock show indicated that preparing for the Show helped them as follows:

- 99 percent learn how to manage their time;

- 95 percent developed self confidence;

- 100 percent developed critical thinking skills;

- 100 percent developed leadership skills; and

- 98 percent learned business management skills.

- Youth participants and exhibitors also acquired knowledge about planning and running a livestock business, being peer mentors and volunteer leaders.

- About 80 percent of 2014 participants had attended/exhibited at the SU Ag Center Annual Livestock Show in the past. A great testament to the value of the SU Ag Center's Annual Livestock Show is that parents and grandparents who had exhibited at the Show have continued to accompany their children/grandchildren to this 3-day event year after year.

-Faculty and staff expanded outreach via social media to reach youth using Youtube and other electronic messaging techniques. In addition, 20 volunteers worked for three days donating a total of 600 hours of their time (approximately \$10,800) to assist during the shows. Another outstanding impact of the Livestock Show is that it garners community support which translates into contributions to buy the champions at premium price which also helps to sustain the program.

4. Associated Knowledge Areas

KA Code	Knowledge Area
724	Healthy Lifestyle
806	Youth Development

V(H). Planned Program (External Factors)

External factors which affected 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.)

Brief Explanation

Ongoing economic struggle caused serious setback on the availability of funds. In FY 2013/14, State Appropriations were increased for the first time in almost six years. However, budget cuts were being proposed at year's end. Delays in Federal budget approvals continued to be of concern because the actual budget data were not readily available for effective planning. Government priority changes caused the relocation of some program participants resulting in decline in number of residents impacted. Additionally, Louisiana rural population continued to lag behind other 1890 states which resulted in the SU Ag Center receiving less federal formula funds. Furthermore, the continuing recovery by those who were relocated due to previous hurricanes (2005 and 2008) and the 2010 oil spill caused problems in the state and impacted outcomes.

V(I). Planned Program (Evaluation Studies)

Evaluation Results

500 volunteers worked an average of 20 volunteer hours or equivalent of 4.81 FTEs and saved the program about \$120,000 in real time wages. Additionally, volunteers gained new knowledge and skills about youth program and activities which were greatly beneficial to them, their families and communities.

Student mentoring is still very relevant to producing future scientists and extension personnel:

-One Ag STARS participant **earned 4.0 GPA in spring 2014**; she and also has a cumulative grade point average of 4.0.

-Two of the Ag STARS graduates are currently working with the U.S. Department of Agriculture.

-Ag STARS participants **received second and third place awards** in oral and poster competitions at the 2014 Minorities in Agriculture, Natural Resources and Related Sciences (MANRRS) annual conference held in Birmingham, Alabama in March 2014.

Key Items of Evaluation

Student mentoring is still very relevant to producing future scientists and extension personnel