

# Families, Youth, & Communities

Families, Youth, & Communities

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

### 1. Name of the Planned Program

Families, Youth, & Communities

## 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	7%		0%	
608	Community Resource Planning and Development	10%		0%	
802	Human Development and Family Well-Being	23%		40%	
803	Sociological and Technological Change Affecting Individuals, Fam	5%		0%	
804	Human Environmental Issues Concerning Apparel, Textiles, and Residential and Commercial Structures	0%		13%	
805	Community Institutions, Health, and Social Services	5%		47%	
806	Youth Development	50%		0%	
	<b>Total</b>	100%		100%	

## V(C). Planned Program (Inputs)

### 1. Actual amount of professional FTE/SYs expended this Program

Year: 2007	Extension		Research	
	1862	1890	1862	1890
<b>Plan</b>	145.0	0.0	8.0	0.0
<b>Actual</b>	185.3	0.0	3.6	0.0

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

Extension		Research	
Smith-Lever 3b & 3c 2111367	1890 Extension	Hatch 183914	Evans-Allen 0
<b>1862 Matching</b> 2111367	<b>1890 Matching</b> 0	<b>1862 Matching</b> 185422	<b>1890 Matching</b> 0
<b>1862 All Other</b> 13805926	<b>1890 All Other</b> 0	<b>1862 All Other</b> 450818	<b>1890 All Other</b> 0

## **V(D). Planned Program (Activity)**

### **1. Brief description of the Activity**

Division of Agriculture research programs addressing quality of life and community development issues focus on addressing specific needs of communities and families in close collaboration with state and federal agencies and policy makers.

Parenting and Family Relationships, and Individual Development: Develop, evaluate, and disseminate education programs and curricula, incorporating new Division of Agriculture research.

Couple and Marriage Relationships:

- « Design and develop the Marriage Journey curriculum to promote strong marriages.
- « Provide more information and resources for strengthening marriage on the [www.arfamilies.org](http://www.arfamilies.org) website.
- « Train county FCS agents how to facilitate marriage education workshops.
- « Provide the best marriage education resources (e.g., books, videos, curriculum, etc.) to county FCS agents.

The 4-H Program in Arkansas is delivered through the 75 counties using research based, jury reviewed curriculum. State Faculty provides program leadership and direction. Site based experiential learning programs are delivered at the Arkansas 4-H Center and the Lonoke Farm (a cooperative effort with the University of Arkansas at Pine Bluff - an 1890 institution). Specific 4-H Program delivery modes also include:

- « Organized 4-H Clubs
- « School enrichment programs
- « After School clubs/programs
- « Special Interests groups
- « Camping

Three Child Care provider training programs supporting this plan of work:

- « The Best Care
- « Best Care Connected
- « Guiding Children Successfully

### **2. Brief description of the target audience**

Adolescents and adults  
Adolescents and adults who expect to become parents  
Aging Population  
Parents  
Grandparents  
Step parents  
Foster parents  
4-H members  
4-H youth participants  
4-H volunteers  
4-H parents  
Non-4-H adults  
School teachers  
County Extension faculty  
County FCS Agents  
Extension Homemakers Council members and trainers  
All married couples or those couples considering marriage  
Child care providers  
Local, state, and community leaders  
Elected officials  
Entrepreneurs

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

**1. Standard output measures**

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

	<b>Direct Contacts Adults</b>	<b>Indirect Contacts Adults</b>	<b>Direct Contacts Youth</b>	<b>Indirect Contacts Youth</b>
<b>Year</b>	<b>Target</b>	<b>Target</b>	<b>Target</b>	<b>Target</b>
<b>Plan</b>	172100	124500	282450	50575
2007	222663	141557	266156	113992

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

**Patent Applications Submitted**

**Year Target**

**Plan: 0**

2007: 0

**Patents listed**

**3. Publications (Standard General Output Measure)**

**Number of Peer Reviewed Publications**

	<b>Extension</b>	<b>Research</b>	<b>Total</b>
<b>Plan</b>			
2007	9	9	18

**V(F). State Defined Outputs****Output Target****Output #1****Output Measure**

Number of Parenting Journey maps circulated

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	10500	43992

**Output #2****Output Measure**

Number of parenting programs held

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	30	139

**Output #3****Output Measure**

Number of parenting participants

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	1500	5979

**Output #4****Output Measure**

Number of parenting program hours of video training

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	110	448

**Output #5****Output Measure**

Number of hits on website

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	72000	149137

**Output #6****Output Measure**

Number of marriage resources available in print or on www.arfamilies.org website

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	10	32

**Output #7****Output Measure**

Number of hits on www.arfamilies.org website marriage resources

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	500	26389

**Output #8****Output Measure**

Number of marriage programs/trainings held

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	3	17

**Output #9****Output Measure**

Number of participants in marriage programs/trainings

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	100	634

**Output #10****Output Measure**

Number non-duplicated 4-H Youth Development Science programs delivered

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	210	453

**Output #11****Output Measure**

Number non-duplicated participants in 4-H Youth Development Science programs

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	4000	17792

**Output #12****Output Measure**

Number of organized 4-H Clubs

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	500	855

**Output #13****Output Measure**

Number non-duplicated 4-H Youth Development Healthy Lifestyles programs delivered

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	200	1049

**Output #14****Output Measure**

Number non-duplicated participants in 4-H Youth Development Healthy Lifestyles programs

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	50000	11112

**Output #15****Output Measure**

Number non-duplicated programs delivered in 4-H Youth Development Citizenship/Leadership

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	100	365

**Output #16****Output Measure**

Number non-duplicated technology and engineering programs delivered

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	75	449

**Output #17****Output Measure**

Number non-duplicated participants in technology and engineering programs

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	1000	11224

**Output #18****Output Measure**

Number of Child Care educational trainings held

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	88	143

**Output #19****Output Measure**

Number of Child Care online courses offered

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	2	3

**Output #20****Output Measure**

Number of hours of Child Care in-service training offered

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	15	15

**Output #21****Output Measure**

Number of hours of Child Care video/DVD training provided

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	1800	2296

**Output #22**

**Output Measure**

Number of direct adult contacts reported related to community and economic development

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	4000	88607

**Output #23**

**Output Measure**

Number of indirect adult contacts reported related to community and economic development

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	6000	47958

**Output #24**

**Output Measure**

Number of direct youth contacts reported related to community and economic development

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	150	13997

**Output #25**

**Output Measure**

Number of indirect youth contacts reported related to community and economic development

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	200	1507

**Output #26**

**Output Measure**

Number of events reported related to community and economic development

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	50	3426

**Output #27**

**Output Measure**

Number of Arkansas Commodity Grants

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	3	0

**Output #28**

**Output Measure**

Number of federal grants and contracts

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	5	4

**V(G). State Defined Outcomes**

O No.	Outcome Name
1	Number of 4-H participants who learned accepting differences life skill
2	Number of 4-H participants who learned healthy lifestyles choices life skill
3	Number of 4-H participants who learned self-responsibility life skill
4	Number of 4-H participants who learned leadership life skill
5	Number of 4-H participants who learned marketable skills life skill
6	Number of 4-H participants who learned wise use of resources life skill
7	Number of child care providers who report an increase in knowledge related to specific child care issues after participating in an Extension program
8	Number of participants that increased knowledge of community and economic development issues
9	Number of participants adopting an effective parenting behavior/practice
10	Number of participants adopting a targeted relationship-enhancing behavior
11	Number of participants adopting a targeted personal development behavior
12	Number of 4-H Journals completed in 4-H Youth Development Science areas
13	Number of projects completed in 4-H Youth Development Science areas
14	Number of 4-H Journals completed in 4-H Youth Development Healthy Lifestyles areas
15	Number of projects completed in 4-H Youth Development Healthy Lifestyles areas
16	Number of 4-H Journals completed in 4-H Youth Development Citizenship/Leadership areas
17	Number of projects completed in 4-H Youth Development Citizenship/Leadership areas
18	Number of 4-H Journals completed in 4-H Youth Development technology and engineering areas
19	Number of projects completed in 4-H Youth Development technology and engineering
20	Number of child care providers adopting a recommended practice after participating in an Extension program
21	Number of participants who report an improved relationship with a child as a result of using a targeted parenting behavior
22	Number of participants who report an improved relationship with a partner as a result of using a targeted parenting behavior
23	Number of participants who report an improved quality of life as a result of using a targeted personal development behavior
24	Number of 4-H members receiving scholarships and grants for post secondary education
25	Number of youth and adults who practice good citizenship and provide community based leadership throughout Arkansas as evidenced by volunteer hours contributed through the 4-H program
26	Percent of long term (three years or more) 4-H members graduating High School
27	Number of licensed child care facilities achieving quality approval status
28	Number of community and economic development projects initiated
29	Number of county residents and lay leaders conducting programs or adopting new skills as a result of community and economic educational efforts
30	Number of youth conducting community service projects as a result of community and economic development educational efforts
31	Number of contracts and subcontracts reported
32	Number of Refereed Journal Publications
33	Number of participants who indicate that they have gained new knowledge on a targeted parenting behavior
34	Number of participants who indicate that they have gained new knowledge on a targeted relationship-enhancing behavior
35	Number of participants who indicate that they have gained new knowledge on a targeted personal development behavior
36	Number of 4-H participants who learned decision making life skill
37	Number of 4-H participants who learned communications life skill
38	Number of participants enrolled in 4-H GPS & NatureMapping who reported learning enough during the program to use GPS on their own
39	Number of participants enrolled in 4-H GPS & NatureMapping who plan to use GPS in the future.
40	Number of non-duplicated 4-H youth participating in engineering & technology events

**Outcome #1**

**1. Outcome Measures**

*Not reporting on this Outcome for this Annual Report*

**2. Associated Institution Types**

**3a. Outcome Type:**

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
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**3c. Qualitative Outcome or Impact Statement**

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
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**V(H). Planned Program (External Factors)**

**External factors which affected outcomes**

- Natural Disasters (drought, weather extremes, etc.)
- Economy
- Appropriations changes
- Public Policy changes
- Competing Public priorities
- Competing Programmatic Challenges
- Populations changes (immigration, new cultural groupings, etc.)
- Other (Fuel Prices & Loss of Personnel)

**Brief Explanation**

Rising fuel prices and the declining economy created barriers for program participation.

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

**1. Evaluation Studies Planned**

- After Only (post program)
- Retrospective (post program)
- Before-After (before and after program)
- During (during program)
- Time series (multiple points before and after program)
- Case Study
- 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.

## Evaluation Results

### Marriage Garden Program Impacts

One hundred and seventy-two (172) adults participated in the Marriage Garden evaluation in 2007. There were statistically significant increases in Marriage Garden participants' levels of understanding of the following relationship issues/skills (Commitment, Growth, Nurturing, Understanding, Problem Solving, and Serving) from Time 1 (before participation in Marriage Garden) to Time 2 (after participating in Marriage Garden).

Commit: Time 1 (M = 3.11, SD = .80) to Time 2 [M = 3.85, SD = .36,  $t(171) = 13.06$ ,  $p < .000$ ]. The eta squared statistic of (.50) indicates a large effect size.

Grow: Time 1 (M = 2.62, SD = .81) to Time 2 [M = 3.70, SD = .47,  $t(171) = 17.45$ ,  $p < .000$ ]. The eta squared statistic of (.64) indicates a large effect size.

Nurture: Time 1 (M = 2.78, SD = .81) to Time 2 [M = 3.76, SD = .45,  $t(171) = 16.12$ ,  $p < .000$ ]. The eta squared statistic of (.60) indicates a large effect size.

Understand: Time 1 (M = 2.66, SD = .81) to Time 2 [M = 3.73, SD = .44,  $t(171) = 18.05$ ,  $p < .000$ ]. The eta squared statistic of (.66) indicates a large effect size.

Solve: Time 1 (M = 2.51, SD = .85) to Time 2 [M = 3.64, SD = .53,  $t(171) = 18.82$ ,  $p < .000$ ]. The eta squared statistic of (.67) indicates a large effect size.

Serve: Time 1 (M = 2.80, SD = .81) to Time 2 [M = 3.75, SD = .47,  $t(171) = 16.41$ ,  $p < .000$ ]. The eta squared statistic of (.61) indicates a large effect size.

### Fatherhood/Parenting Journey Program Impacts

One hundred and twenty-three (123) adults participated in the Parenting Journey evaluation in 2007. There were statistically significant increases in Parenting Journey participants' levels of understanding of the following parenting issues/skills (Caring for self, Understanding children, Guiding children, Nurturing children, Motivating Children, and Advocating for children) from Time 1 (before participation in Parenting Journey) to Time 2 (after participating in Parenting Journey).

Caring for Self: Time 1 (M = 3.24, SD = .77) to Time 2 [M = 3.81, SD = .41,  $t(122) = 8.82$ ,  $p < .000$ ]. The eta squared statistic of (.39) indicates a large effect size.

Understanding Children: Time 1 (M = 2.99, SD = .76) to Time 2 [M = 3.84, SD = .37,  $t(122) = 14.09$ ,  $p < .000$ ]. The eta squared statistic of (.62) indicates a large effect size.

Guiding Children: Time 1 (M = 3.10, SD = .73) to Time 2 [M = 3.87, SD = .34,  $t(122) = 13.15$ ,  $p < .000$ ]. The eta squared statistic of (.59) indicates a large effect size.

Nurturing Children: Time 1 (M = 3.25, SD = .78) to Time 2 [M = 3.89, SD = .31,  $t(122) = 10.31$ ,  $p < .000$ ]. The eta squared statistic of (.47) indicates a large effect size.

Motivating Children: Time 1 (M = 3.05, SD = .81) to Time 2 [M = 3.85, SD = .38,  $t(122) = 12.00$ ,  $p < .000$ ]. The eta squared statistic of (.54) indicates a large effect size.

Advocating for Children: Time 1 (M = 2.78, SD = .87) to Time 2 [M = 3.76, SD = .48,  $t(122) = 14.41$ ,  $p < .000$ ]. The eta squared statistic of (.63) indicates a large effect size.

**Key Items of Evaluation**

4-H:

Our online life-skill evaluation tool is being developed for use with the 4-H Youth Development Program.

Marriage Garden:

The 172 Marriage Garden participants surveyed indicated that they agree or strongly agree with the following statements:

- My knowledge of healthy marriage relationships has increased: 96%
- My skills as a spouse/partner are likely to increase: 94%
- I have a desire to be a better spouse/partner: 95%
- I will change (improve on) at least one relationship strengthening behavior or practice: 95%
- I think my relationship with spouse/partner is likely to improve: 92%
- I would recommend this program to family and friends: 97%

Fatherhood/Parenting Journey Program Impacts:

The 123 Parenting Journey participants surveyed indicated that they agree or strongly agree with the following statements:

- My parenting knowledge has increased: 96%
- My skills as a parent are likely to increase: 94%
- I have a desire to be a better parent: 97%
- I will change (improve on) at least one parenting behavior or practice: 92%
- I think my relationship with child is likely to improve: 88%
- I would recommend this program to family and friends: 97%