

# Eliminating Barriers to Social, Economic and Educational Success Among Youth and Families

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

### 1. Name of the Planned Program

Eliminating Barriers to Social, Economic and Educational Success Among Youth and Families

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

### 1. Program Knowledge Areas and Percentage

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
802	Human Development and Family Well-Being	20%			
806	Youth Development	80%			
<b>Total</b>		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>	26.0	0.0	0.0	0.0
<b>Actual</b>	30.0	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 619872	1890 Extension	Hatch	Evans-Allen
	0	0	0
1862 Matching 619872	1890 Matching	1862 Matching	1890 Matching
	0	0	0
1862 All Other 5692468	1890 All Other	1862 All Other	1890 All Other
	0	0	0

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

**1. Brief description of the Activity**

WSU Extension addressed positive youth development issues by providing information, experiential education, activities, technical assistance and local capacity enhancement. Our programs are available to all without discrimination. In fact, we proactively address the special needs of unique youth audiences and the adults who support their efforts.

WSU Extension addressed this goal through educational programs, demonstration activities, and facilitated processes. Training programs and professional development were conducted for faculty, staff, volunteers, and partner organizations as well as for specific groups such as professional child care providers. Particular outreach efforts were made to reach underserved and emerging populations.

Educational programs addressed the following:

- Strengthening a sense of belonging for youth so that they will feel emotionally and physically safe in these educational settings and develop positive relationships with supportive, caring adults •
- Increasing decision-making skills, relationship building, understanding of self, learning, management, navigating group processes and communication skills in youth •
- Decreasing negative behaviors (shoplifting, drug use, vandalism, smoking etc) in youth who actively engage in 4-H •
- Increasing adoption rates of health and wellness indicators such as regular exercise activities and improved nutritional choices •
- Improving safety and quality of child care •
- Mastering relevant skills and technical knowledge areas for youth success •
- Applying best practice prevention programs (e.g., the Strengthening Families Program for Parents and Youth Ages 10-14) that engage both parents and their youth will be conducted and evaluated statewide with outreach in both English and Spanish languages.

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

The youth, adults, and families of Washington and the agencies, decision makers and organizations that support and mentor them.

**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>	9000	15000	70000	0
2007	13596	172185	108989	0

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

**Patent Applications Submitted**

<b>Year</b>	<b>Target</b>
<b>Plan:</b>	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	21	0	0

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

**Output Target**

**Output #1**

**Output Measure**

Number of 4-H Youth Development educational events/activities/programs designed for life skill enhancement.

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	500	610

**Output #2**

**Output Measure**

Number of programs delivered that support creation and maintenance of healthy family structures.

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	1	12

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

<b>O No.</b>	<b>Outcome Name</b>
1	Difference (in percentage points) between 5-year graduation rates of former 4-H youth and the general student population at WSU.
2	Difference (in percentage points) between 4-H youth planning to attend post-secondary institutions after graduation and the general student population.
3	Percentage of educational activity attendees that increased their positive life skill application.
4	Percentage of parents targeted for intervention that demonstrate improved scores on parenting behavior scale.

**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**

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

**Brief Explanation**

At this time, we are unable to document differences in 5-year graduation rates of former 4-H youth. The tracking mechanism is in place to do this within the WSU system, and we should be able to assess data in future years.

Additionally, no survey data are available indicating plans of 4-H youth graduating from high school that plan to attend institutions of higher education. These processes are being assessed currently.

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

**1. Evaluation Studies Planned**

- Before-After (before and after program)
- Case Study
- Comparisons between program participants (individuals,group,organizations) and non-participants

## Evaluation Results

148 students in Northeast rural Washington gained specific forest industry skills on technical tree health and forest sanitation

- As a result of the 4-H Forestry Education Program 17% of the participants gained successful employment
- 16 of the high school seniors have entered a 2 or 4 year college with 7 of those choosing natural resource majors.

The 4-H Know Your Government Conference reached over 300 youth and adults across Washington with a 2007 theme of Politics and the Media, the youth who participated in pre/post testing expressed increased capacities to :

- use time wisely;
- work effectively in groups;
- express clearly and listen effectively;
- practice self management and ability to apply personal values to choices.

Analysis of enrollment data at WSU indicates that average grade point averages among former 4Hers exceeds their counterparts at the university by 5%.

In the WSU Strengthening Families Program, the number of youth participants who used substances decreased significantly from pretest to posttest. Among youth reporting substance abuse in the pretest, fully 1/3 indicated no substance abuse in the posttest (n reporting on use = 114;  $\chi^2 = 30.8$ ,  $P < .001$ ).

Latino, Native American, and White rents/caregivers all reported statistically significant improvement from pretest to posttest in the four family protective factors targeted by the SFP intervention(n of parents reporting both pretest and posttest data = 509;  $P < .001$  on all scales).

## Key Items of Evaluation

- Number of youth who used substances decreased significantly from pretest to posttest. Among youth reporting substance abuse in the pretest, fully 1/3 indicated no substance abuse in the posttest (n reporting on use = 114;  $\chi^2 = 30.8$ ,  $P < .001$ ).
- Latino, Native American, and White rents/caregivers all reported statistically significant improvement from pretest to posttest in the four family protective factors targeted by the SFP intervention(n of parents reporting both pretest and posttest data = 509;  $P < .001$  on all scales).
- Analysis of enrollment data at WSU indicates that average grade point averages among former 4Hers exceeds their counterparts at the university by 5%.