

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

**Program # 1**

**1. Name of the Planned Program**

4-H Youth Development

**2. Brief summary about Planned Program**

Colorado State University will enhance outreach to Colorado's youth through 4-H and Youth Development programs in county 4-H clubs, schools, after-school programming, state-wide programs, and special interest learning experiences. This program emphasizes personal growth of young people through experiential learning with well-designed curricula and projects. There is a special emphasis on Science, Technology, Engineering and Math (STEM)-related curriculum and activities, in helping prepare the next generation of scientists. Development of volunteers to provide much of the leadership to this organization and increased private fund-raising are especially important.

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

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

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

**6. Expending other than formula funds or state-matching funds :** 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
802	Human Development and Family Well-Being	5%		0%	
806	Youth Development	95%		0%	
	<b>Total</b>	100%		0%	

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

**1. Situation and priorities**

Communities in Colorado depend on quality, contributing members of society. Fostering productive community members begins with our young people. 4-H is Colorado State University's premier youth development program. Positive youth development addresses broader developmental needs of youth, in contrast to deficit-based models which focus solely on youth problems. Positive youth development occurs from an intentional process that promotes outcomes for young people by providing opportunities and relationships and externally, through the delivery of projects and curriculum designed according to the best practices of youth development.

Therefore, in order to be prepared to succeed in a quickly changing world, our young people need a sense of competence, usefulness, belonging, and power. Studies have shown that youth who have developed these senses are involved in positive group settings and become productive citizens and successful young adults. Also, adolescents who have developed these characteristics appear to be more

likely than others to engage in pro-social behavior. 4-H targets critical skills (life skills) that help cultivate these senses.

In order for youth in Colorado to cultivate critical life skills, the 4-H Youth Development work team will strive to incorporate the three mission mandates from National 4-H Council which are Science, Engineering and Technology (SET), Healthy Living, and Citizenship.

Program delivery is via one of six different delivery methods 1) Organized clubs, 2) School enrichment, 3) Short term/special interest, 4) School-age child care, 5) After school programs, 6) Camping.

Total enrollment in the Colorado 4-H program for the 2010-11 4-H program year was 102,991 with a strong cadre of adult volunteers totaling 11,970.

## **2. Scope of the Program**

- In-State Extension
- Multistate Extension

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

### **1. Assumptions made for the Program**

- 4-H Youth Development is a well-respected and effective youth development program in Colorado.
- A successful 4-H youth development program is dependent on adequate numbers of competent and well trained volunteers
  - Colorado 4-H Youth Development staff collaborates with other CSU Extension staff and community partners to accomplish desired impacts
    - The Colorado 4-H Youth Development Program provides youth a unique and inclusive setting for individual life skill development and mastery of subject matter competencies through the interactions with caring adults (paid and volunteer)
    - 4-H youth development staff has the ability to recognize and understand the needs of individuals in communities, and to facilitate educational opportunities in response to those needs.

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

- 4H 1: 4-H Youth Development volunteers and staff positively influence the development of youth and continually develop their competencies as adult volunteers who work with youth. Survey instrument to measure the following learning outcomes can be found at:  
[http://www.colorado4h.org/research\\_impact/surveys/VolunteerKnowledgeAndSkillSurvey.pdf](http://www.colorado4h.org/research_impact/surveys/VolunteerKnowledgeAndSkillSurvey.pdf)
- 4H 2: 4-H Youth Development volunteers develop capacity and have a positive influence on the well-being of their communities. Survey instrument to measure changes in the following action outcome can be found at:  
[http://www.colorado4h.org/research\\_impact/surveys/Survey-VolunteerImpactOnCommunities.pdf](http://www.colorado4h.org/research_impact/surveys/Survey-VolunteerImpactOnCommunities.pdf)
- 4H 3: Youth become caring and contributing members of society through life skill development attained in the 4-H program. Survey instrument to measure the following changes in this action outcome can be found at: [http://www.colorado4h.org/research\\_impact/surveys/MemberLifeSkillSurvey.pdf](http://www.colorado4h.org/research_impact/surveys/MemberLifeSkillSurvey.pdf)
- 4H 4: Colorado youth will have an increased understanding and interest in Science, Technology, Engineering, and Math skills to enhance the STEM talent pool to benefit our country and to enhance their marketability as they enter the work force.
- 4H 5: Colorado K-12 youth have the academic and personal skills needed for success in work and life.

**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
2013	48.0	0.0	0.0	0.0
2014	49.0	0.0	0.0	0.0
2015	50.0	0.0	0.0	0.0
2016	0.0	0.0	0.0	0.0
2017	0.0	0.0	0.0	0.0

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

**1. Activity for the Program**

- Support traditional club programs by recruiting and establishing new clubs;
- Conduct after school and school enrichment programs that provide curriculum in Science, Technology, Engineering and Math (STEM), leadership, citizenship and life skills development;
  - Develop new curriculum in response to new audience needs;
  - Strengthen the volunteer management system needed to implement the 4-H Youth Development program by: conducting agent trainings to develop volunteer management skills; developing tools to support volunteer management system; delivering volunteer leader training; developing new funding support through individual and group solicitation, grant applications and fee-for-service programs.

**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 (eXtension)</li> <li>• Other 2 (phone calls &amp; e-mail)</li> </ul>	<ul style="list-style-type: none"> <li>• Public Service Announcement</li> <li>• Newsletters</li> <li>• Web sites other than eXtension</li> <li>• Other 1 (Newspaper column)</li> <li>• Other 2 (Public meetings)</li> </ul>

**3. Description of targeted audience**

- For 4-H Youth Development programming - all Colorado youth, ages 5 - 19.

- For volunteers - interested adults, parents, community members, seniors, partner agencies.
- For increased funding - potential funding entities, including grant providers.

### **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

- Funding: Increased funding for 4-H Youth Development through private dollars by increasing support from the Colorado 4-H Foundation. (These have been increased based on our 2005-06 actual of \$240,000.)
  - Web Hits: Number of web hits regarding 4-H topics, excluding pages of Agent Resources and Blog areas of the site.
  - Curricula: New and/or revised curriculum to meet changes in needs for youth audiences.
  - Funding: Grant dollars generated to support 4-H Youth Development programs.
  - Volunteers: Value of volunteers' time that Colorado 4-H adult volunteers provide to 4-H programming, based on an average donation of 128 hours/year/volunteer at \$21.62/hour (national average for value of time, adjusted for Colorado)
  - Presentations to Youth: Number of Education Classes, trainings, workshops, field days, educational activities, events, etc. for youth.
  - Community Development: Number of community meetings convened, community meetings facilitated, community coalitions/collaborations/alliances formed.
  - News Releases: Number of press/news releases submitted.
  - Newsletters: Number of newsletters created.
  - One-on-one interventions: Number of trainings for individual volunteers.
  - One-on-one interventions: Number of direct communications by telephone and/or e-mail.
  - Web Sites: Number of web sites.
  - Volunteers: Number of trainings for Volunteers.
  - Extension Staff: Number of trainings for Extension staff.
- 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	Volunteers: Number of participating volunteers reporting increasing effectiveness of Extension programs.
2	STEM: Number of participating youth reporting applying STEM Skills. Survey instrument to measure the outcomes can be found at: <a href="http://www.colorado4h.org/research_impact/surveys/STEM.pdf">http://www.colorado4h.org/research_impact/surveys/STEM.pdf</a>
3	Volunteers: Volunteers apply skills developed through Extension-provided training, supervision, and support to increase their effectiveness in influencing positive youth development for the audience(s) with which they work.
4	Volunteers: Number of participating volunteers who foster life skill development in the youth in their communities.
5	Volunteers: Number of participating volunteers who increase leadership capacity in their communities.
6	Volunteers: Number of participating volunteers reporting they contribute to increased public service in their communities.
7	Youth: Number of participating youth reporting contributing to community improvement.
8	Youth: Number of participating youth reporting they developed goal-setting skills.
9	Youth: Number of participating youth reporting they developed decision-making skills.
10	Youth: Number of participating youth reporting they developed record-keeping skills.
11	Youth: Number of participating youth reporting they developed public-speaking skills.
12	Youth: Number of participating youth reporting they developed responsibility.
13	Youth: Number of participating youth reporting they developed leadership skills.

**Outcome # 1**

**1. Outcome Target**

Volunteers: Number of participating volunteers reporting increasing effectiveness of Extension programs.

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

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

- 806 - Youth Development

**4. Associated Institute Type(s)**

- 1862 Extension

**Outcome # 2**

**1. Outcome Target**

STEM: Number of participating youth reporting applying STEM Skills. Survey instrument to measure the outcomes can be found at: [http://www.colorado4h.org/research\\_impact/surveys/STEM.pdf](http://www.colorado4h.org/research_impact/surveys/STEM.pdf)

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

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

- 806 - Youth Development

**4. Associated Institute Type(s)**

- 1862 Extension

**Outcome # 3**

**1. Outcome Target**

Volunteers: Volunteers apply skills developed through Extension-provided training, supervision, and support to increase their effectiveness in influencing positive youth development for the audience(s) with which they work.

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

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

- 806 - Youth Development

**4. Associated Institute Type(s)**

- 1862 Extension

**Outcome # 4**

**1. Outcome Target**

Volunteers: Number of participating volunteers who foster life skill development in the youth in their communities.

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

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

- 806 - Youth Development

**4. Associated Institute Type(s)**

- 1862 Extension

**Outcome # 5**

**1. Outcome Target**

Volunteers: Number of participating volunteers who increase leadership capacity in their communities.

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

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

- 806 - Youth Development

**4. Associated Institute Type(s)**

- 1862 Extension

**Outcome # 6**

**1. Outcome Target**

Volunteers: Number of participating volunteers reporting they contribute to increased public service in their communities.

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

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



- 806 - Youth Development

**4. Associated Institute Type(s)**

- 1862 Extension

**Outcome # 7**

**1. Outcome Target**

Youth: Number of participating youth reporting contributing to community improvement.

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

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

- 806 - Youth Development

**4. Associated Institute Type(s)**

- 1862 Extension

**Outcome # 8**

**1. Outcome Target**

Youth: Number of participating youth reporting they developed goal-setting skills.

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

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

- 806 - Youth Development

**4. Associated Institute Type(s)**

- 1862 Extension

**Outcome # 9**

**1. Outcome Target**

Youth: Number of participating youth reporting they developed decision-making skills.

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

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

- 806 - Youth Development

**4. Associated Institute Type(s)**

- 1862 Extension

**Outcome # 10**

**1. Outcome Target**

Youth: Number of participating youth reporting they developed record-keeping skills.

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

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

- 806 - Youth Development

**4. Associated Institute Type(s)**

- 1862 Extension

**Outcome # 11**

**1. Outcome Target**

Youth: Number of participating youth reporting they developed public-speaking skills.

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

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

- 806 - Youth Development

**4. Associated Institute Type(s)**

- 1862 Extension

**Outcome # 12**

**1. Outcome Target**

Youth: Number of participating youth reporting they developed responsibility.

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

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

- 806 - Youth Development

**4. Associated Institute Type(s)**

- 1862 Extension

**Outcome # 13**

**1. Outcome Target**

Youth: Number of participating youth reporting they developed leadership skills.

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

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

- 806 - Youth Development

**4. Associated Institute Type(s)**

- 1862 Extension

**V(J). Planned Program (External Factors)**

**1. External Factors which may affect Outcomes**

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

**Description**

Participation in 4-H Youth Development programs does not come without cost. If funding is not sufficient, scholarship help for families may not be available and individuals may be forced to not participate. Families have the opportunity to choose from many different activities for youth. 4-H may lose membership to other youth activities. At the same time, population shifts to urban sites could increase 4-H Youth Development participation if 4-H is able to establish relevant programs in non-rural environments.

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

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

Regular pre-post evaluations are used. An evaluation consultant has guided 4-H Youth Development staff in developing and using instruments state-wide to collect impact data on life skills acquired/increased due to 4-H participation. These learned skills will continue to be practiced and refined so that life skills and Science, Technology, Engineering and Math (STEM) outcomes can be accurately documented and effectively communicated.