

V(A). Planned Program (Summary)

Program # 7

1. Name of the Planned Program

Youth Development and Engagement

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	10%			
806	Youth Development	90%			
	Total	100%			

V(C). Planned Program (Inputs)

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

Year: 2010	Extension		Research	
	1862	1890	1862	1890
Plan	14.0	0.0	0.0	0.0
Actual	13.6	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
494233	0	0	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
284502	0	0	0
1862 All Other	1890 All Other	1862 All Other	1890 All Other
716623	0	0	0

V(D). Planned Program (Activity)

1. Brief description of the Activity

4-H Clubs

Curricula

Facilitated Group Meetings and Conferences

Printed Materials

Single day workshop, class or event

Websites or other computer-based delivery

Workshop series or educational course

2. Brief description of the target audience

•Youth from all backgrounds •Adults from all backgrounds (volunteers, parents, collaborating organization staff) •Youth Serving Organizations and Programs from diverse communities (including K-12, Home Schooled youth, and Camps) •Community Coalitions •UMass Amherst Faculty •Faculty from other colleges and universities

V(E). Planned Program (Outputs)

1. Standard output measures

2010	Direct Contacts Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Plan	3500	10000	20000	0
Actual	3500	2429	32579	4325

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

Patent Applications Submitted

Year: 2010
 Plan: 0
 Actual: 0

Patents listed

3. Publications (Standard General Output Measure)

Number of Peer Reviewed Publications

2010	Extension	Research	Total
Plan	0	0	
Actual	0	0	0

V(F). State Defined Outputs

Output Target

Output #1

Output Measure

- 4-H Clubs

Year	Target	Actual
2010	350	323

Output #2

Output Measure

- Curricula

Year	Target	Actual
2010	3	1

Output #3

Output Measure

- Facilitated Group Meetings and Conferences

Year	Target	Actual
2010	11	279

Output #4

Output Measure

- Printed Materials

Year	Target	Actual
2010	16	111

Output #5

Output Measure

- Single day workshop, class or event

Year	Target	Actual
2010	76	884

Output #6

Output Measure

- Websites or other computer-based delivery

Year	Target	Actual
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2010

1

1

Output #7

Output Measure

- Workshop series or educational course

Year

Target

Actual

2010

50

753

Output #8

Output Measure

- Community Service Projects

Year

Target

Actual

2010

{No Data Entered}

900

Output #9

Output Measure

- Displays and Exhibits

Year

Target

Actual

2010

{No Data Entered}

137

V(G). State Defined Outcomes

V. State Defined Outcomes Table of Content

O. No.	OUTCOME NAME
1	Youth adopt behaviors that will help them succeed academically and in the workplace
2	Youth employ technology more effectively
3	Youth demonstrate greater communication skills
4	Adults acquire knowledge of the effects of deployment on military youth
5	Military youth feel supported
6	Youth are effective team members, communicators, and leaders
7	Youth engage in community service
8	Youth engage in community service learning
9	Youth acquire knowledge and skill to practice competent, applied science
10	Youth practice competent, applied science
11	Youth acquire knowledge and skills that will help them succeed academically and in the workplace

Outcome #1

1. Outcome Measures

Youth adopt behaviors that will help them succeed academically and in the workplace

2. Associated Institution Types

- 1862 Extension

3a. Outcome Type:

Change in Action Outcome Measure

3b. Quantitative Outcome

Year	Quantitative Target	Actual
2010	50	661

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

What has been done

Results

4. Associated Knowledge Areas

KA Code	Knowledge Area
806	Youth Development

Outcome #2

1. Outcome Measures

Youth employ technology more effectively

2. Associated Institution Types

- 1862 Extension

3a. Outcome Type:

Change in Action Outcome Measure

3b. Quantitative Outcome

Year	Quantitative Target	Actual
2010	50	195

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

What has been done

Results

4. Associated Knowledge Areas

KA Code	Knowledge Area
806	Youth Development

Outcome #3

1. Outcome Measures

Youth demonstrate greater communication skills

2. Associated Institution Types

- 1862 Extension

3a. Outcome Type:

Change in Action Outcome Measure

3b. Quantitative Outcome

Year	Quantitative Target	Actual
2010	50	1279

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

More than 22% of the population of Massachusetts is under age 18. These young people are the future workforce and leaders of our state and our nation. UMass Extension provides opportunities for youth to develop the critical communication and leadership skills they need to

become independent, successful and contributing members of society.

What has been done

Clubs, educational events and other youth activities are conducted by our Educators working with volunteers to support the development of knowledge and skills in the focus areas of science, communication skills, leadership development and community service. We also reach youth through school enrichment programs conducted in schools and short term (minimum of 6 hours) programs such as Babysitting and Plant Science.

Results

Our youth development programs makes a difference in the lives of young people helping them feel valued and connected and enabling them to develop the skills necessary to become capable, competent adults. A primary program focus is on building communication skills. Evaluation results revealed that 96% of parents believed our programs helped their child become a better speaker and 87% thought it helped them to give more effective presentations in school.

4. Associated Knowledge Areas

KA Code	Knowledge Area
806	Youth Development

Outcome #4

1. Outcome Measures

Adults acquire knowledge of the effects of deployment on military youth

2. Associated Institution Types

- 1862 Extension

3a. Outcome Type:

Change in Knowledge Outcome Measure

3b. Quantitative Outcome

Year	Quantitative Target	Actual
2010	100	90

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

What has been done

Results

4. Associated Knowledge Areas

KA Code	Knowledge Area
802	Human Development and Family Well-Being
806	Youth Development

Outcome #5

1. Outcome Measures

Military youth feel supported

2. Associated Institution Types

- 1862 Extension

3a. Outcome Type:

Change in Action Outcome Measure

3b. Quantitative Outcome

Year	Quantitative Target	Actual
2010	50	20

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

One of the frequently overlooked consequences of American military involvement abroad is that many thousands of children in National Guard and Reserve households are experiencing the unexpected deployment of a family member. Those children experience problems coping with new family circumstances, new responsibilities and new stresses as part of their daily lives.

What has been done

UMass Extension coordinates a statewide network of volunteers and staff that educates citizens on the impact of military deployment on communities, families and youth. The project also provides educational, recreational and social programs for the children of service members. This past year we reached 4,025 military children and youth, delivered 101 support programs for military youth and educated 711 community members through 17 workshops on the effects of deployment on children.

Results

?Hero Packs? were assembled and presented to hundreds of military families. Over \$19,000 in charitable donations was raised to support this effort this past year. After attending a special workshop for service members and their spouses on the effects of deployment on children, which was delivered 9 times, reaching 488 adults, an Army Reservist commented "Where were you the first time I was deployed?"

4. Associated Knowledge Areas

KA Code	Knowledge Area
802	Human Development and Family Well-Being
806	Youth Development

Outcome #6

1. Outcome Measures

Youth are effective team members, communicators, and leaders

Not Reporting on this Outcome Measure

Outcome #7

1. Outcome Measures

Youth engage in community service

2. Associated Institution Types

- 1862 Extension

3a. Outcome Type:

Change in Action Outcome Measure

3b. Quantitative Outcome

Year	Quantitative Target	Actual
2010	50	1662

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

What has been done

Results

4. Associated Knowledge Areas

KA Code	Knowledge Area
806	Youth Development

Outcome #8

1. Outcome Measures

Youth engage in community service learning

Not Reporting on this Outcome Measure

Outcome #9

1. Outcome Measures

Youth acquire knowledge and skill to practice competent, applied science

2. Associated Institution Types

- 1862 Extension

3a. Outcome Type:

Change in Knowledge Outcome Measure

3b. Quantitative Outcome

Year	Quantitative Target	Actual
2010	100	192

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

UMass Extension is a key partner in the Massachusetts Envirothon, a statewide youth environmental education program. Teams representing schools and community organizations prepare through the year for a statewide event in May that tests knowledge of forest, wildlife, water, and soil resources, and current environmental issues. The program stresses the interdependence of human and natural systems and emphasizes hands-on, team-oriented problem solving and community involvement.

What has been done

The UMass Extension contribution to the Massachusetts Envirothon consisted of the following: curriculum development; delivery of workshops attended by 158 students and 41 coaches; a judge's orientation program; evaluation of youth learning and development outcomes; organizing a community awards program.

Results

According to survey results, youth report substantial increases in knowledge in the area of resource management and understanding groundwater issues. Youth and coaches also reported increased youth capacity for teamwork and increases in their ability to understand and directly

affect local environmental issues

4. Associated Knowledge Areas

KA Code	Knowledge Area
806	Youth Development

Outcome #10

1. Outcome Measures

Youth practice competent, applied science

2. Associated Institution Types

- 1862 Extension

3a. Outcome Type:

Change in Action Outcome Measure

3b. Quantitative Outcome

Year	Quantitative Target	Actual
2010	{No Data Entered}	58

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

What has been done

Results

4. Associated Knowledge Areas

KA Code	Knowledge Area
806	Youth Development

Outcome #11

1. Outcome Measures

Youth acquire knowledge and skills that will help them succeed academically and in the workplace

2. Associated Institution Types

- 1862 Extension

3a. Outcome Type:

Change in Knowledge Outcome Measure

3b. Quantitative Outcome

Year	Quantitative Target	Actual
2010	{No Data Entered}	505

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

National organizations, such as APLU and the National 4-H Council, along with the UMass Extension 4-H program have identified science, technology, engineering, and math (STEM) education as an area of critical need for underserved youth. Education in the STEM disciplines is critical for preparing a globally and regionally competitive workforce.

What has been done

We working with community partners who offer after school programs for middle school youth ages 10-14 in the City of Springfield. The project uses experiential learning with a content focus on science, engineering, and technology, while incorporating a college awareness experience. University of Massachusetts undergraduates serve as mentors and provide instruction at three community centers. During the school year, programs meet two times per week and a three day summer camp experience is offered to youth on the UMass Amherst campus.

Results

Positive changes were observed in youth attitudes towards higher education. One of the largest changes was in the proportion of youth who disagreed with the statement ?I don?t think I could get into a good college or university.?

4. Associated Knowledge Areas

KA Code	Knowledge Area
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

{No Data Entered}

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)

Evaluation Results

{No Data Entered}

Key Items of Evaluation

{No Data Entered}