

2011 University of Nevada Extension Plan of Work

Status: Accepted

Date Accepted: 06/23/2010

I. Plan Overview

1. Brief Summary about Plan Of Work

All programs outlined in this plan of work are being developed and implemented based on local or statewide formal and informal needs assessments. Additionally, specific efforts have been taken to address the needs of under-served/under-represented populations of the state, as well as activities/programs specific to the needs of these audiences.

It should be noted that just about all Cooperative Extension programs in Nevada have some type of applied "research" component. Cooperative Extension faculty are expected to research needs, program impacts, and may use applied research projects as a teaching tool as well as to learn new information for use in programs. All Cooperative Extension faculty must have at least these minimum research components in their programs, and research is a major consideration in annual evaluations for both field faculty and campus based faculty (many of whom also have joint Nevada Agricultural Experiment Station appointments as well). Finally, a number of Cooperative Extension faculty also participate on NAES research projects related to their program areas.

Finally, it must be noted that Cooperative Extension in Nevada has had significant cuts in state funding in FY08 (6%) and FY09 (8%). There has also been a 17% cut for the two year period covering FY2010 and FY2011. An additional cut of 6.9% (on top of the 17%) has just been announced for FY10 and FY11 budgets. These cuts have required Cooperative Extension to eliminate or not filling positions in order to meet budget reductions. In addition, the overall state budget cuts significantly impacted other organizations and agency with whom Cooperative Extension partners as well. For example, proposed restructuring of the College of Agriculture within the College of Science, cuts in the State Department of Agriculture or other state agencies could impact future programming. There may be, therefore, changes in the POW at any time. This is also why FTE reductions are shown for future years.

Estimated Number of Professional FTEs/SYs total in the State.

Year	Extension		Research	
	1862	1890	1862	1890
2011	38.0	0.0	0.0	0.0
2012	38.0	0.0	0.0	0.0
2013	38.0	0.0	0.0	0.0
2014	38.0	0.0	0.0	0.0
2015	38.0	0.0	0.0	0.0

II. Merit Review Process

1. The Merit Review Process that will be Employed during the 5-Year POW Cycle

- Combined External and Internal University External Non-University Panel

2. Brief Explanation

The merit review process is actually several review processes at different times. First, all Extension faculty are required to prepare a "Role Statement" detailing their plans and activities for the coming calendar year. They review this plan with their Area Director or Department Chair who insures the quality and relevance of planned work efforts to the identified program goals. Both the Area Director and the Dean sign off on the plan.

Second, Extension in Nevada uses a peer review process whereby Extension faculty provide evaluation and input on their peers concerning their program quality, its importance to stakeholders and relevance. In these peer reviews, the needs assessments are also examined as well as program impacts. These peer reviews are used by Area Directors and Department Chairs to not only evaluate faculty, but are also used in reviewing "Role Statements" and focusing faculty efforts in the future. These are also reviewed by the Dean/Director. At each of these steps, the Strategic Plan is used to evaluate program priorities and need.

Third, programs and their impacts are reviewed with the State Extension Advisory Committee to get their input and evaluation as well.

Fourth, all Extension publications and curriculum are peer reviewed from either internal experts, external experts or both. Not only does this produce better publications but provides some feedback on the "need" or relevance to stakeholders of the topic.

Fifth, AES faculty on Cooperative Extension appointments are involved at most stages of the process. Helps provide input to the AES agenda as well.

Finally, those efforts organized as Western Coordinating Committee projects through the Western Regional Coordinating Implementation Committee (RCIC) are reviewed by RCIC (which is represented by both Extension and Research) for progress during the course of the project/program and at project termination. The reviews are documented and housed at the executive director's office in the western region. Additionally, those portions of programs which are part of the eXtension effort are reviewed in the eXtension selection process.

III. Evaluation of Multis & Joint Activities

1. How will the planned programs address the critical issues of strategic importance, including those identified by the stakeholders?

All activities/programs of Cooperative Extension (UNCE) and AES (NAES) match needs/issues identified in the stakeholder input processes. Additionally, these activities/programs also address needs common to under-served/under-represented populations of the state, as well as activities/programs specific to the needs of these audiences.

Scholarship has long been recognized as an expectation of UNCE community-based faculty. All major programs are grounded in research theory and deliberate attempts are made to include campus-based faculty who hold joint UNCE and NAES appointments in their overall design. Programs are rigorously evaluated so as to contribute to the knowledge base of theory in practice. Not only are campus-based faculty expected to be involved in the evaluation design, but UNCE faculty are expected to take a scholarly approach to their work.

Finally, integrated and multistate programs have generally realized the outcomes/impacts expected. The multi-state research program and Western Coordinating Committee projects are reviewed by RCIC (which is represented by both Extension and Research) for progress during the course of the project/program and at project termination. The reviews are documented and housed at the executive director's office in the western region. This process will continue to be used. Additionally, UNCE faculty and campus faculty on UNCE appointments are expected to demonstrate program results/impacts as part of their annual evaluations. Therefore, peers and administration both have an opportunity to review impacts/results of all UNCE programs.

2. How will the planned programs address the needs of under-served and under-represented populations of the

All activities/programs of UNCE and NAES match needs/issues identified in the stakeholder input processes. Efforts are made to insure inclusion of under-served/under represented populations in the needs assessment processes. As a result, activities/programs are developed to address needs common to under-served/under-represented populations of the state, as well as activities/programs specific to the needs of these audiences.

3. How will the planned programs describe the expected outcomes and impacts?

The primary programs in Cooperative Extension at this time are:

- Agriculture & Natural Resources
- Community Development
- Health & Nutrition
- Childhood Obesity

- Food Safety
- Human & Family Development

Primary emphasis in "Agriculture & Natural Resources focus on:

- range & vegetation management (including weed management)
- watershed health management
- urban/community horticulture
- alternative and sustainable agriculture practices or opportunities
- wildfire defense and mitigation (rural/urban interface)

Primary outcomes in agriculture & natural resource programming are:

- For land managers to learn and apply sound principles to both maintain and restore rangeland health, reduce weeds and impacts of fires.
- For stakeholders (individuals, land owners, land managers, community leaders, business/industry, etc.) in water management issues to learn sound principles for the effective and efficient management and utilization of Nevada's riparian areas and to work together in apply these principles at all levels to maximize benefit.
- For individual home owners and businesses in urban areas to learn and apply landscaping and horticulture practices which suit the climate and limited water resources of Nevada.
- To identify sustainable agriculture alternative practices and opportunities for Nevada, for producers to learn and apply these in their agriculture operations.

Community Development is a broad program area focusing on economic modeling or other community asset assessments for planning and development and "capacity building" for communities, public issues education programs, leadership skills development (both youth and adults). Both "community" and "development" are defined very broadly. The primary outcomes are:

- For communities and organizations to proactively plan and influence the future develop of their communities in positive ways to make it a desirable and positive environment for individuals, families and businesses.
- To help individuals and community leaders learn about public policy issues, community assets and economic models so they can make appropriate development plans for their communities.
- To enhance the capacity of individuals to function as effective leaders in their organizations and communities, and to become more involved in community or organizational issues.

In "Health Nutrition, the primary goal is "better individual health, better quality of life and lower health costs throughout their lifespan." Adopting a healthy lifestyle and food choices are necessary for individuals to maintain optimal health throughout their lifespan. This various activities of this program are designed to provide health & nutrition educational programs where individuals, families and care givers can learn the benefits of a healthy lifestyle and proper food habits which promote health and wellbeing. Learning and adoption of more healthful practices are the primary outcomes being sought. Additionally, there are special efforts focused on needs of children, minorities and low income families.

"Childhood Obesity" is focused on a variety of programs and activities designed to guide individuals and families to make informed, science-based decisions that will reduce child obesity and improve health. One of the major thrusts in the "All 4 Kids" programming is an integrated nutrition and physical activity focus on pre-K children. Additionally, school based health & nutrition programming focuses specifically on youth at risk and minorities.

"Food Safety" is primarily focused on livestock producers, especially beef producers which is the largest agriculture sector in Nevada. The emphasis is upon promoting and providing education and training for certification in the Beef Quality Assurance Program. Additionally, this "quality assurance" concept has been integrated into 4-H youth livestock projects and training required for youth involved in 4-H livestock projects.

Human & Family Development programming focuses on the interrelated areas of youth and families at risk, seniors, positive youth development, parenting education, literacy and child care provider training. Ultimate outcomes of this program include:

- Reduced risk and increased protective assets for youth and families at risk
- Improve literacy skills of children and parents, including ESL (English as Second Language) parents & children.
- Improve the quality of care provided by child care providers.
- Improve the positive youth development opportunities for all youth.

- Expand opportunities for parenting education for parents of infants through eXtension.

4. How will the planned programs result in improved program effectiveness and/or efficiency?

Many of the State Specialists with UNCE appointments also have NAES appointments so that their research is closely related to their educational programming. Additionally, many UNCE faculty are participants with NAES faculty on research projects. Integrated and multistate programming is increasingly the result of more proactive processes, and has helped to identify ways for cooperation even outside of specific programs. Also there is a great deal of collaboration along the border states especially UT, CA, ID and AZ. For example, NV and CA work very closely along the border areas in both natural resources, 4-H and other activities especially along the Lake Tahoe region. Also many Cooperative Extension faculty are either leading or participating in related eXtension Communitys of Practice.

The program priorities established by UNCE from needs assessments conducted by UNCE faculty have been provided to Agriculture Experiment Station (AES) for their information and use as they allocate research funds. Collaboration with community-based faculty and developing research components to Extension programs has been openly endorsed by AES and there are a number of AES funded projects with UNCE field faculty involved.

IV. Stakeholder Input

1. Actions taken to seek stakeholder input that encourages their participation

- Targeted invitation to traditional stakeholder groups
- Targeted invitation to traditional stakeholder individuals
- Targeted invitation to non-traditional stakeholder individuals
- Survey of traditional stakeholder groups
- Survey of traditional stakeholder individuals
- Survey specifically with non-traditional groups

Brief explanation.

In 2000, UNCE established a statewide Advisory Committee that represents a diverse cross section of stakeholders from both rural and urban communities, including minorities. This Advisory Committee has met at least twice a year since 2001 and continues to review UNCE programs and provide suggestions on additional program opportunities. It provides broad guidance on UNCE programming and policies, serves as a sounding board for setting program priorities, and has been actively involved in helped obtain support for UNCE from key state and county elected officials. CARET representatives also serve as members of this UNCE Advisory Committee.

Within their first year of being hired, UNCE funded faculty are expected to conduct a formal needs assessment in order to identify critical issues in their subject matter area. For County Extension Educators, a very broad, community-based assessment is expected. For Area Specialists, a broad, issue-based assessment is expected. State Extension Specialists are charged with compiling local needs assessments and adding statewide data and impacts. Indeed, one of the criteria for annual performance evaluation is effective assessment of need. Needs assessment information is shared publicly on Extension's website and with faculty in other colleges at the university as well as with state agencies and organizations.

Following their initial needs assessment, faculty are required to continually assess needs through contact with stakeholders and periodically conduct a needs assessment in as expected of newly hired faculty. Information on the "community stakeholder meetings" and some of the other statewide needs assessments can be found at: <http://www.unce.unr.edu/publications/assessments/>. A recent example are assessments related to health and nutrition conducted in 2009 and 2008. A senior citizen needs assessment was completed at the end of 2007. Needs assessments may take many forms and use a variety of methods across the state. No one method is required or always appropriate.

As a result of the above processes for stakeholder input, all of UNCE's major educational programs are based on one or more needs assessments. UNCE has also used this information in ongoing strategic planning for the future.

The data collected by UNCE is also shared with the Nevada Agricultural Experiment Station for their

information, and also shared with other university faculty for their use and information.

2(A). A brief statement of the process that will be used by the recipient institution to identify individuals and groups stakeholders and to collect input from them

1. Method to identify individuals and groups

- Use Advisory Committees
- Use Internal Focus Groups
- Use External Focus Groups
- Open Listening Sessions
- Needs Assessments
- Use Surveys

Brief explanation.

A variety of methods are used across the state to identify individuals/groups who are stakeholders and to get their input. No one method is required or always appropriate. In fact, one method may be used in one county and a different method in another county. Even within counties, one method might be used in one situation and another method used in a different situation.

2(B). A brief statement of the process that will be used by the recipient institution to identify individuals and groups who are stakeholders and to collect input from them

1. Methods for collecting Stakeholder Input

- Meeting with traditional Stakeholder groups
- Survey of traditional Stakeholder groups
- Meeting with traditional Stakeholder individuals
- Survey of traditional Stakeholder individuals
- Meeting specifically with non-traditional groups
- Survey specifically with non-traditional groups
- Meeting specifically with non-traditional individuals
- Meeting with invited selected individuals from the general public
- Survey of selected individuals from the general public

Brief explanation.

A variety of methods are used across the state to identify individuals/groups who are stakeholders and to get their input. No one method is required or always appropriate. In fact, one method may be used in one county and a different method in another county. Even within counties, one method might be used in one situation and another method used in a different situation.

3. A statement of how the input will be considered

- In the Budget Process
- To Identify Emerging Issues
- Redirect Extension Programs
- In the Staff Hiring Process
- In the Action Plans
- To Set Priorities

Brief explanation.

Stakeholder input is routinely used to identify emerging issues, to redirect Extension programs and also in the hiring process. Where stakeholder input and needs assessments show the need for different staffing, it has also been used to make changes in qualifications of those hired in empty or new positions. Stakeholders are routinely used on search committees as well. Additionally, stakeholder input is used in setting program priorities and in making request for additional funding.

Finally, stakeholders frequently become partners or contributors to programs and program activities.

V. Planned Program Table of Content

S. No.	PROGRAM NAME
1	Agriculture & Natural Resources
2	Community and Economic Development
3	Health & Nutrition (Healthy Lifestyle & Food Choices)
4	Childhood Obesity
5	Food Safety
6	Human & Family Development
7	Climate Change
8	Global Food Security and Hunger
9	Sustainable Energy

V(A). Planned Program (Summary)**Program # 1****1. Name of the Planned Program**

Agriculture & Natural Resources

2. Brief summary about Planned Program

Primary emphasis in "Agriculture & Natural Resources focus on:

- range & vegetation management (including weed management)
- watershed health management
- urban/community horticulture
- alternative and sustainable agriculture practices or opportunities
- wildfire defense and mitigation (rural/urban interface)

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
111	Conservation and Efficient Use of Water	10%			
121	Management of Range Resources	25%			
122	Management and Control of Forest and Range Fires	10%			
205	Plant Management Systems	10%			
216	Integrated Pest Management Systems	20%			
307	Animal Management Systems	5%			
601	Economics of Agricultural Production and Farm Management	5%			
605	Natural Resource and Environmental Economics	5%			
803	Sociological and Technological Change Affecting Individuals, Families, and Communities	5%			
806	Youth Development	5%			
	Total	100%			

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

1. Situation and priorities

Nevada land is 87% Federally owned land. In Nevada, rangeland health, weeds and fire are areas of emphasis and are all heavily related. Water (Nevada is the most arid state in the nation) and rangeland are also critical for agriculture as well as for public use and recreation. Urban/community horticulture is a huge demand because of both water concerns and the large number of people who have moving to Nevada from less arid places. (Until recently, Nevada has been the fastest growing state by % of population and is the most urban in the nation.) Given the limited water resources and arid climate, there is a need to identify and promote alternative agriculture practices and opportunities to sustain the agriculture industry and the rural communities of Nevada dependent on the agriculture industry. Therefore, "Agriculture & Natural Resources focuses on:

- range & vegetation management (including weed management)
- watershed health management
- urban/community horticulture
- alternative and sustainable agriculture practices or opportunities
- wildfire defense and mitigation (rural/urban interface)

2. Scope of the Program

- In-State Extension
- Multistate Extension
- Integrated Research and Extension

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

1. Assumptions made for the Program

- 1.State & county funding will continue to be reduced. Also the continuing state budget problems may also potentially impact county funding for Cooperative Extension. (Previous plans had assumed constant or slightly increasing funding.)
2. Urban growth and expansion will continue to not only slow but population growth will decline or have only modest growth for several years to come. (Nevada has lost population in the recent economic downturn.)
3. Changes in the natural environment are possible, but very long term.
4. Assumes 1 and 2 are a change from the past because of the significantly negative economic impact of the recession and its continuing impact on Nevada.

2. Ultimate goal(s) of this Program

Primary goals in agriculture & natural resource programming are:

- For land managers to learn and apply sound principles to both maintain and restore rangeland health, reduce weeds and impacts of fires.
- For stakeholders (individuals, land owners, land managers, community leaders, business/industry, etc.) in water management issues to learn sound principles for the effective and efficient management and utilization of Nevada's riparian areas and to work together in apply these principles at all levels to maximize benefit.
- For individual home owners and businesses in urban areas to learn and apply landscaping and horticulture practices which suit the climate and limited water resources of Nevada.
- For Nevada producers to learn and apply sustainable agriculture alternative practices in their agriculture operations.

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
2011	14.0	0.0	0.0	0.0
2012	14.0	0.0	0.0	0.0
2013	14.0	0.0	0.0	0.0
2014	14.0	0.0	0.0	0.0
2015	14.0	0.0	0.0	0.0

V(F). Planned Program (Activity)

1. Activity for the Program

A variety of activities both educational outreach and applied research will be undertaken. Applied research will focus on both social and "best management practices" for Nevada as it relates to the areas of emphasis.

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"> ● Workshop ● Group Discussion ● One-on-One Intervention ● Demonstrations 	<ul style="list-style-type: none"> ● Newsletters ● Web sites ● Other 1 (Trade Publications/Print Media)

3. Description of targeted audience

Target audience is multiple and varied. First, Nevada land managers both public and private. Second, stakeholders in water related issues (individuals, land owners, land managers, community leaders, business/industry, etc.). Third, home and business owners for horticulture and landscaping practices. Fourth, ag producers interested in sustainable and alternative agricultural practices. Youth in 4-H program are also a target audience although not the primarily focus for most of these programs. Fifth, community leaders, fire services, homeowners and others concerned with wildfires and mitigating impact of wildfires especially along the urban-rural interface.

V(G). Planned Program (Outputs)

1. Standard output measures

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

	Direct Contact Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Year	Target	Target	Target	Target
2011	50000	0	8000	0
2012	50000	0	5000	0

	Direct Contact Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Year	Target	Target	Target	Target
2013	50000	0	5000	0
2014	50000	0	5000	0
2015	50000	0	5000	0

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

2011:0 2012:0 2013:0 2014:0 2015:0

3. Expected Peer Review Publications

Year	Research Target	Extension Target	Total
2011	0	35	0
2012	0	35	0
2013	0	35	0
2014	0	35	0
2015	0	35	0

V(H). State Defined Outputs

1. Output Target

- Number of phone call and e-mail request for information answered by Master Gardener volunteers.

2011:12000	2012:12000	2013:12000	2014:12000	2015:12000
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- Number of green industry employees certified in proper horticulture techniques.

2011:1000	2012:1000	2013:1000	2014:1000	2015:1000
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- Number of best management practices site evaluations performed on private property in the Lake Tahoe region to protect the water quality of Lake Tahoe.

2011:1000	2012:1000	2013:1000	2014:1000	2015:0
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- Number of individual land managers and private land/home owners reached directly with information about how to live more safely in high fire hazard environments.

2011:4000	2012:4000	2013:4000	2014:4000	2015:0
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- Copies of "Living with Fire" publications distributed.

2011:30000	2012:30000	2013:30000	2014:30000	2015:30000
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- "Living with Fire" website hits.

2011:75000	2012:75000	2013:75000	2014:75000	2015:75000
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V(I). State Defined Outcome

O. No.	Outcome Name
1	Number of target audiences who learn best management or risk management/skills for alternative or sustainable agriculture.
2	Total acres planted or tested for potential alternative crops in Nevada.
3	Number learning best management practices for 'living with fire' and wildfire hazards.
4	Number of participants who apply or use best management or risk management knowledge/skills learned for alternative or sustainable agriculture.
5	Youth learning basic rangeland ecology of the Great Basin.

Outcome # 1**1. Outcome Target**

Number of target audiences who learn best management or risk management/skills for alternative or sustainable agriculture.

2. Outcome Type : Change in Action Outcome Measure

2011:200 **2012:200** **2013:200** **2014:200** **2015:200**

3. Associated Knowledge Area(s)

- 121 - Management of Range Resources
- 205 - Plant Management Systems
- 216 - Integrated Pest Management Systems
- 307 - Animal Management Systems
- 601 - Economics of Agricultural Production and Farm Management

4. Associated Institute Type(s)

- 1862 Extension

Outcome # 2**1. Outcome Target**

Total acres planted or tested for potential alternative crops in Nevada.

2. Outcome Type : Change in Action Outcome Measure

2011:1500 **2012:2000** **2013:2000** **2014:2200** **2015:2500**

3. Associated Knowledge Area(s)

- 111 - Conservation and Efficient Use of Water
- 205 - Plant Management Systems
- 216 - Integrated Pest Management Systems
- 601 - Economics of Agricultural Production and Farm Management

4. Associated Institute Type(s)

- 1862 Extension

Outcome # 3**1. Outcome Target**

Number learning best management practices for 'living with fire' and wildfire hazards.

2. Outcome Type : Change in Knowledge Outcome Measure

2011:1500 **2012:1500** **2013:1500** **2014:1500** **2015:1500**

3. Associated Knowledge Area(s)

- 122 - Management and Control of Forest and Range Fires

- 205 - Plant Management Systems
- 803 - Sociological and Technological Change Affecting Individuals, Families, and Communities

4. Associated Institute Type(s)

- 1862 Extension

Outcome # 4

1. Outcome Target

Number of participants who apply or use best management or risk management knowledge/skills learned for alternative or sustainable agriculture.

2. Outcome Type : Change in Action Outcome Measure

2011:50 2012:100 2013:100 2014:150 2015:150

3. Associated Knowledge Area(s)

- 121 - Management of Range Resources
- 205 - Plant Management Systems
- 216 - Integrated Pest Management Systems
- 307 - Animal Management Systems
- 601 - Economics of Agricultural Production and Farm Management
- 806 - Youth Development

4. Associated Institute Type(s)

- 1862 Extension

Outcome # 5

1. Outcome Target

Youth learning basic rangeland ecology of the Great Basin.

2. Outcome Type : Change in Knowledge Outcome Measure

2011:50 2012:50 2013:50 2014:50 2015:50

3. Associated Knowledge Area(s)

- 111 - Conservation and Efficient Use of Water
- 121 - Management of Range Resources
- 205 - Plant Management Systems
- 605 - Natural Resource and Environmental Economics
- 806 - Youth Development

4. Associated Institute Type(s)

- 1862 Extension

V(J). Planned Program (External Factors)

1. External Factors which may affect Outcomes

- Natural Disasters (drought, weather extremes, etc.)
- Economy
- Appropriations changes
- Public Policy changes
- Competing Public priorities

Description

Natural disasters, especially drought related and fire, are always significant factors in natural resource related programming in Nevada. Such may cause a significant change in focus and resources (up or down).

In FY08 Nevada had a 6% cut in state budget and a 8% cut in FY09 budget. For FY10 and FY11 a 17% reduction in state budget was mandated. A further 6% cut for FY10 & FY11 (in addition to the 17% reduction) has just been announced. These budget reductions have resulted in the loss of several positions or positions being unfill and this will impacted resources for programming. It will have a major impact on programming for FY10, FY11 and beyond.

Beyond the budget reductions, the university is proposing to restructure the College Agriculture into the College of Science which would include the eliminate of two departments in the College of Agriculture. While this doesn't directly impact Cooperative Extension, which is a separate college, some state specialist positions may be impacted as a result of elimination of departments.

In addition, the overall state budget cuts significantly impacted other state organizations and agency with whom Cooperative Extension partners as well. There may be, therefore, changes in the POW at any time.

Finally, public policy changes at both the Federal and State levels may impact not only what can be done but what will be done in natural resource management.

V(K). Planned Program (Evaluation Studies and Data Collection)

1. Evaluation Studies Planned

Description

2. Data Collection Methods

- Other (Development of management plans)

Description

V(A). Planned Program (Summary)**Program # 2****1. Name of the Planned Program**

Community and Economic Development

2. Brief summary about Planned Program

Community planning and/or economic development activities are of increasing importance. Cooperative Extension has become more active in working with the Nevada Rural Development Council on "community assessments" with local community groups. Also the development and use of the multi-state "Community Business Matching Model" program is designed to help local communities make decisions about their economic development efforts. Both are intensive collaborative programs and will be provided to a limited number of communities in economic modeling and/or conducting community asset assessments for planning and development.

While funding has limited major expansion of "leadership development" opportunities, Cooperative Extension continues to provide training in this subject matter for existing community organizations and groups. Cooperative Extension is partnering and working more with other groups and organizations on their "leadership" and community planning/activity efforts rather than developing separate stand alone Cooperative Extension programs.

Faculty are working with the national extension program "Rural Health Works", and will continue work on rural health care sector issues in rural Nevada.

3. Program existence : Intermediate (One to 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
608	Community Resource Planning and Development	60%			
803	Sociological and Technological Change Affecting Individuals, Families, and Communities	10%			
805	Community Institutions, Health, and Social Services	20%			
806	Youth Development	10%			
	Total	100%			

V(C). Planned Program (Situation and Scope)**1. Situation and priorities**

Nevada has been the fastest growing state in the nation for 15 of the past 16 years by % of population as well as the most urban. However, the current economic down turn has resulted in declining population, 13% unemployment, one of the highest home foreclosure rates in the nation and slowed economic growth considerably. The need for "community development" programming is great in both urban and the many small rural communities across the state. Many of Nevada's rural economies are natural resource based and have been historically classified as "boom-bust" economies. Given the economic variability in these natural resource economies, unique community and economic development extension programs have been developed for rural leaders and economic development practitioners to understand and address issues of mitigate

economic variability and enhance economic stability. The University of Nevada Cooperative Extension works with the University Center for Economic Development to enhance delivery of these economic analysis and development programs to rural economies within the state of Nevada.

Given the limited "community development" related resources in Cooperative Extension, most efforts will be limited in focus and in target audiences. Areas of emphasis will be on "capacity building" for communities, public issues education programs, leadership skills development and economic modeling or other community asset assessments for planning and development.

2. Scope of the Program

- In-State Extension
- Multistate Extension
- Integrated Research and Extension

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

1. Assumptions made for the Program

1.Until FY08 and FY09 it was assumed that funding would remain constant. However, Cooperative Extension had significant cuts in state funding in FY08 (6%) and FY09 (8%) with even larger cuts for FY10 and FY11 (17th %). An additional 6.9% reduction for FY10 and FY11 has just been mandated and additional reductions may be proposed for beyond FY11. This may require Cooperative Extension to modify programming in anticipation of these further potential budget reductions. In addition, the overall state budget cuts significantly impacted other state/county organizations and agency with whom Cooperative Extension partners as well. There may be, therefore, changes in the POW at any time.

2.While Nevada has always been one of the fastest growing states in the nation, if not the fastest growing, the recent economic recession has brought population growth to a standstill. Therefore, rapid population and economic growth cannot be assumed for the future. Instead, high unemployment, declining population and high home foreclosures may be the norm for some time to come.

2. Ultimate goal(s) of this Program

For communities and organizations to proactively plan and influence the future develop of their communities in positive ways to make it a desirable and positive environment for individuals, families and businesses.

To help individuals and community leaders learn about pubic policy issues, community assets and economic models so they can make appropriate development plans for their communities.

To enhance the capacity of individuals to function as effective leaders in their organizations and communities, and to become more involved in community or organizational issues.

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
2011	4.0	0.0	0.0	0.0
2012	4.0	0.0	0.0	0.0
2013	4.0	0.0	0.0	0.0
2014	4.0	0.0	0.0	0.0

Year	Extension		Research	
	1862	1890	1862	1890
2015	4.0	0.0	0.0	0.0

V(F). Planned Program (Activity)

1. Activity for the Program

Community planning and/or economic development activities are of increasing importance. Therefore, Cooperative Extension has become more active in working with the Nevada Rural Development Council on "community assessments" with local community groups. Also the development and use of the multi-state "Community Business Matching Model" program is designed to help local communities make decisions about their economic development efforts. Both are intensive collaborative programs and will be provided to a limited number of communities in economic modeling and/or conducting community asset mapping.

While funding has limited major expansion of "leadership development" opportunities, Cooperative Extension continues to provide training in this subject matter for existing community organizations and groups. Cooperative Extension is partnering and working more with other groups and organizations on their "leadership" and community planning/activity efforts rather than developing separate stand alone Cooperative Extension programs.

Faculty are working with the national extension program "Rural Health Works", and will continue work on rural health care sector issues in rural Nevada. assessments for planning and development.

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"> ● Workshop ● Group Discussion ● Other 1 (Reports/Studies) 	<ul style="list-style-type: none"> ● Web sites

3. Description of targeted audience

Targeted audiences will be individuals, communities and groups who are interested in community planning and/or economic development. "community assessments," and "leadership development" programming.

V(G). Planned Program (Outputs)

1. Standard output measures

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

	Direct Contact Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Year	Target	Target	Target	Target
2011	3000	0	500	0
2012	3000	0	500	0
2013	3000	0	500	0

	Direct Contact Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Year	Target	Target	Target	Target
2014	3000	0	500	0
2015	3000	0	500	0

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

2011:0 2012:0 2013:0 2014:0 2015:0

3. Expected Peer Review Publications

Year	Research Target	Extension Target	Total
2011	0	15	0
2012	0	15	0
2013	0	15	0
2014	0	15	0
2015	0	15	0

V(H). State Defined Outputs

1. Output Target

V(I). State Defined Outcome

O. No.	Outcome Name
1	Number of individuals learning new leadership or economic development skills/knowledge.
2	Number of individuals applying or using new leadership or economic development skills/knowledge in their organizations or communities.
3	Number of communities completing Rural Health Works program.
4	Number of community people involved in "community assessment" of their local community.
5	Community economic development activities and successes using the Community Business Matching (CBM) Model.

Outcome # 1

1. Outcome Target

Number of individuals learning new leadership or economic development skills/knowledge.

2. Outcome Type : Change in Knowledge Outcome Measure

2011:350 2012:350 2013:350 2014:350 2015:350

3. Associated Knowledge Area(s)

- 608 - Community Resource Planning and Development
- 803 - Sociological and Technological Change Affecting Individuals, Families, and Communities
- 805 - Community Institutions, Health, and Social Services
- 806 - Youth Development

4. Associated Institute Type(s)

- 1862 Extension

Outcome # 2

1. Outcome Target

Number of individuals applying or using new leadership or economic development skills/knowledge in their organizations or communities.

2. Outcome Type : Change in Action Outcome Measure

2011:100 2012:100 2013:100 2014:100 2015:100

3. Associated Knowledge Area(s)

- 608 - Community Resource Planning and Development
- 803 - Sociological and Technological Change Affecting Individuals, Families, and Communities
- 805 - Community Institutions, Health, and Social Services
- 806 - Youth Development

4. Associated Institute Type(s)

- 1862 Extension

Outcome # 3

1. Outcome Target

Number of communities completing Rural Health Works program.

2. Outcome Type : Change in Action Outcome Measure

2011:2 2012:2 2013:2 2014:2 2015:2

3. Associated Knowledge Area(s)

- 608 - Community Resource Planning and Development
- 803 - Sociological and Technological Change Affecting Individuals, Families, and Communities

- 805 - Community Institutions, Health, and Social Services

4. Associated Institute Type(s)

- 1862 Extension

Outcome # 4

1. Outcome Target

Number of community pepole involved in "community assessment" of their local community.

2. Outcome Type : Change in Action Outcome Measure

2011:300 2012:400 2013:400 2014:400 2015:400

3. Associated Knowledge Area(s)

- 608 - Community Resource Planning and Development
- 805 - Community Institutions, Health, and Social Services
- 806 - Youth Development

4. Associated Institute Type(s)

- 1862 Extension

Outcome # 5

1. Outcome Target

Community economic development activities and successes using the Community Business Matching (CBM) Model.

2. Outcome Type : Change in Action Outcome Measure

2011:0 2012:0 2013:0 2014:0 2015:0

3. Associated Knowledge Area(s)

- 608 - Community Resource Planning and Development
- 805 - Community Institutions, Health, and Social Services

4. Associated Institute Type(s)

- 1862 Extension

V(J). Planned Program (External Factors)

1. External Factors which may affect Outcomes

- Economy
- Appropriations changes
- Government Regulations

Description

In FY08 Nevada had a 6% cut in state budget and a 8% cut in FY09 budget. For FY10 and FY11 a 17%reduction in state budget was mandated. A further 6% cut for FY10 & FY11 (in addition to the 17% reduction) has just been announced. These budget reductions have resulted in the loss of several positions or

unfill. This will impacted resources for programming. It will also have an impact on programming beyond FY10, and FY11.

Beyond the budget reductions, the university is proposing to restructure the College Agriculture within the College of Science. While this doesn't directly impact Cooperative Extension, it does impact an economics positions partially supported by Cooperative Extension in the Center for Economic Development. This position and Center are being moved to another college and department from the College of Ag.

In addition, the overall state budget cuts significantly impacted other state organizations and agency with whom Cooperative Extension partners as well. There may be, therefore, changes in the POW at any time.

The volatile nature of today's economy, especially in rural areas is such that it can have a major impact on communities and individuals willingness and resources for "community development" activities. However, these can also provide motivation to take action and make changes too.

Communities and their infrastructure are always subject to changes in public policy, especially those from the Federal or State level. With a new Federal administration driving many changes, the potential for change at the state and local levels is high but also unknown in its impact.

V(K). Planned Program (Evaluation Studies and Data Collection)

1. Evaluation Studies Planned

Description

2. Data Collection Methods

Description

V(A). Planned Program (Summary)**Program # 3****1. Name of the Planned Program**

Health & Nutrition (Healthy Lifestyle & Food Choices)

2. Brief summary about Planned Program

Adopting a healthy lifestyle and food choices are necessary for individuals to maintain optimal health throughout their lifespan. The various activities of this program are designed to provide health & nutrition educational programming where individuals (adults and youth), families and care givers can learn the benefits of a healthy lifestyle and proper food habits which promote health and wellbeing. Additionally, there is programming focused on the special needs of children, minorities and low income families. An emphasis on educational programs about youth obesity and the benefits of physical activity as part of a healthy life style are being included as well.

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
703	Nutrition Education and Behavior	50%			
723	Hazards to Human Health and Safety	10%			
724	Healthy Lifestyle	20%			
802	Human Development and Family Well-Being	15%			
806	Youth Development	5%			
	Total	100%			

V(C). Planned Program (Situation and Scope)**1. Situation and priorities**

Much of the health related problems in Nevada are directly related to lack of proper nutrition, over eating or lifestyle (including lack of physical activity) .This is true for all ages and racial and ethnic groups. Over 2/3rds of adults and 1/3rd of youth are overweight. The result is poor health, reduced quality of life and increasing health care cost.

Radon is a major cause of lung cancer in the US. Extensions radon education program is designed to help homeowners and businesses asses their risk and mitigate the problem where it is found. Additional, Cooperative Extension will help to identify the risk statewide through results of home testing.

2. Scope of the Program

- In-State Extension
- Integrated Research and Extension

- Multistate Integrated Research and Extension

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

1. Assumptions made for the Program

1. In FY08 Nevada had a 6% cut in state budget and a 8% cut in FY09 budget. For FY10 and FY11 a 17%reduction in state budget was mandated. A further 6% cut for FY10 & FY11 (in addition to the 17% reduction) has just been announced. It will have a major impact on programming for FY10, FY11 and beyond. In addition, the overall state budget cuts significantly impacted other state organizations and agency with whom Cooperative Extension partners as well. There may be, therefore, changes in the POW at any time.

2.The recent economic recession, loss of employment, reduced income, etc. can potentially impact food and lifestyle choices negatively.

3.People can learn and will make better food and lifestyle choices for better health.

2. Ultimate goal(s) of this Program

Better individual health, better quality of life and lower health costs throughout their lifespan.

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
2011	6.0	0.0	0.0	0.0
2012	6.0	0.0	0.0	0.0
2013	6.0	0.0	0.0	0.0
2014	6.0	0.0	0.0	0.0
2015	6.0	0.0	0.0	0.0

V(F). Planned Program (Activity)

1. Activity for the Program

A variety of activities will be undertaken to reach at risk individuals, especially minorities, with appropriate information. Publications and curriculum materials are developed for use both in and out of formal educational settings.

Nutrition education programs will be provided in school classes for older youth, new parents, low income, seniors and other audiences as well as the general public. Newsletters, publications and other informational materials will be distributed through senior centers and to professional health educators as well as to the general public through the UNCE website.

The "train the trainer" model will continue to be emphasized with training provided to health care professionals, child care providers, teachers, etc.

The radon education program will encourage and provide testing kids for radon testing, training for the general public as well as those in the building industry.

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"> • Workshop • Group Discussion • One-on-One Intervention • Demonstrations 	<ul style="list-style-type: none"> • Newsletters • Web sites • Other 1 (Newspapers/Magazines/Print Media)

3. Description of targeted audience

Targeted audiences are varied. One target audience is those who train or education others about health lifestyles and food choices (medical professionals, professional care givers) as well as individual adults and youth of all ages. A second target audience is children, youth and families at risk as well as minorities. A third target audience is home and business owners for radon education.

V(G). Planned Program (Outputs)

1. Standard output measures

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

	Direct Contact Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Year	Target	Target	Target	Target
2011	30000	0	50000	0
2012	30000	0	50000	0
2013	20000	0	50000	0
2014	20000	0	50000	0
2015	20000	0	50000	0

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

2011:0 2012:0 2013:0 2014:0 2015:0

3. Expected Peer Review Publications

Year	Research Target	Extension Target	Total
2011	0	25	0
2012	0	25	0
2013	0	25	0
2014	0	25	0
2015	0	25	0

V(H). State Defined Outputs

1. Output Target

- Number of students reached through programs in school classes about healthy food choices.

2011:5000

2012:5000

2013:5000

2014:5000

2015:0

- Number of health professional and others trained/educated about breastfeeding.

2011:500

2012:500

2013:500

2014:500

2015:0

V(I). State Defined Outcome

O. No.	Outcome Name
1	Number of individuals (adults & youth) who will learn knowledge or skills necessary to make healthy lifestyle and food choices for themselves or those they care for (knowledge learned).
2	Number of individuals (adults & youth) who adopt one or more healthy lifestyle practices or food choices (behavior).
3	Number of participants in a diabetes education program (An Ounce of Prevention) improving their knowledge of risk factors for diabetes or making lifestyle changes to reduce their risk for diabetes.
4	Number of students increasing awareness, knowledge and/or skills related to increasing the consumption of calcium rich foods.
5	Number of radon test kits distributed and used in Nevada.
6	Number of home mitigations of homes with elevated radon levels indicates changed behavior and a home with less radon risks.
7	Changes in attitude, knowledge, and practice of young adults regarding general nutrition and health, specific issues of pregnancy and breastfeeding and parenting guidance ("Nurturing Partners")

Outcome # 1

1. Outcome Target

Number of individuals (adults & youth) who will learn knowledge or skills necessary to make healthy lifestyle and food choices for themselves or those they care for (knowledge learned).

2. Outcome Type : Change in Knowledge Outcome Measure

2011:4000 2012:4000 2013:6000 2014:6000 2015:0

3. Associated Knowledge Area(s)

- 703 - Nutrition Education and Behavior
- 724 - Healthy Lifestyle
- 802 - Human Development and Family Well-Being
- 806 - Youth Development

4. Associated Institute Type(s)

- 1862 Extension

Outcome # 2

1. Outcome Target

Number of individuals (adults & youth) who adopt one or more healthy lifestyle practices or food choices (behavior).

2. Outcome Type : Change in Action Outcome Measure

2011:800 2012:800 2013:800 2014:800 2015:0

3. Associated Knowledge Area(s)

- 703 - Nutrition Education and Behavior
- 724 - Healthy Lifestyle
- 802 - Human Development and Family Well-Being
- 806 - Youth Development

4. Associated Institute Type(s)

- 1862 Extension

Outcome # 3

1. Outcome Target

Number of participants in a diabetes education program (An Ounce of Prevention) improving their knowledge of risk factors for diabetes or making lifestyle changes to reduce their risk for diabetes.

2. Outcome Type : Change in Knowledge Outcome Measure

2011:250 2012:250 2013:250 2014:300 2015:300

3. Associated Knowledge Area(s)

- 703 - Nutrition Education and Behavior
- 724 - Healthy Lifestyle

4. Associated Institute Type(s)

- 1862 Extension

Outcome # 4

1. Outcome Target

Number of students increasing awareness, knowledge and/or skills related to increasing the consumption of calcium rich foods.

2. Outcome Type : Change in Knowledge Outcome Measure

2011:2000	2012:2000	2013:2000	2014:2000	2015:2000
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3. Associated Knowledge Area(s)

- 703 - Nutrition Education and Behavior
- 724 - Healthy Lifestyle
- 806 - Youth Development

4. Associated Institute Type(s)

- 1862 Extension

Outcome # 5

1. Outcome Target

Number of radon test kits distributed and used in Nevada.

2. Outcome Type : Change in Action Outcome Measure

2011:1000	2012:10000	2013:10000	2014:10000	2015:10000
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3. Associated Knowledge Area(s)

- 723 - Hazards to Human Health and Safety
- 724 - Healthy Lifestyle

4. Associated Institute Type(s)

- 1862 Extension

Outcome # 6

1. Outcome Target

Number of home mitigations of homes with elevated radon levels indicates changed behavior and a home with less radon risks.

2. Outcome Type : Change in Action Outcome Measure

2011:150	2012:150	2013:150	2014:150	2015:150
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3. Associated Knowledge Area(s)

- 723 - Hazards to Human Health and Safety
- 724 - Healthy Lifestyle

4. Associated Institute Type(s)

- 1862 Extension

Outcome # 7

1. Outcome Target

Changes in attitude, knowledge, and practice of young adults regarding general nutrition and health, specific issues of pregnancy and breastfeeding and parenting guidance ("Nurturing Partners")

2. Outcome Type : Change in Knowledge Outcome Measure

2011:0 2012:0 2013:0 2014:0 2015:0

3. Associated Knowledge Area(s)

- 703 - Nutrition Education and Behavior
- 724 - Healthy Lifestyle
- 802 - Human Development and Family Well-Being
- 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
- Government Regulations
- Other (Grant Funding)

Description

The down turn in the economy may directly impact individual's ability and motivation to adopt healthy lifestyle and food choices. Unemployment is official 13% and the state is experiencing out migration as a result.

The most significant potential external factor which may affect outcomes is appropriation changes and competing public priorities. In FY08 Nevada had a 6% cut in state budget and a 8% cut in FY09 budget. For FY10 and FY11 a 17%reduction in state budget was mandated. A further 6% cut for FY10 & FY11 (in addition to the 17% reduction) has just been announced. These budget reductions have resulted in the loss of several positions or positions being unfill which may have a major impact on programming for FY10, FY11 and beyond.

In addition, the overall state budget cuts significantly impacted other state organizations and agency with whom Cooperative Extension partners as well. There may be, therefore, changes in the POW at any time.

Many of these programs are also supported by grant funding. A change in grants funded or availability of grants could impact programming either positively or negatively.

V(K). Planned Program (Evaluation Studies and Data Collection)

1. Evaluation Studies Planned

Description

2. Data Collection Methods

Description

V(A). Planned Program (Summary)**Program # 4****1. Name of the Planned Program**

Childhood Obesity

2. Brief summary about Planned Program

A variety of activities are being undertaken related to childhood obesity. Adopting a healthy lifestyle and food choices are necessary for individuals to maintain optimal health throughout their lifespan but it is particularly important for youth. Rather than trying to treat obesity after it occurs, strategies to prevent excessive weight gain and decrease sedentary activity are needed. Since eating and activity behaviors are established in childhood, obesity prevention experts suggest initiating strategies early in life. This is the primary direction Nevada is taking in its "Childhood Obesity" programming.

The various activities of this program are designed to provide health & nutrition educational programming where youth can learn the benefits of a healthy lifestyle and proper food habits which promote health and wellbeing. Primarily these activities focus on youth in school and pre-school youth in family settings. The benefits of physical activity as part of a healthy life style are included as well as with physical activities as part of programs.

Nutrition education programs are also provided in school classes, after school settings, new parents, low income and other audiences as well as the general public. Newsletters, publications and other informational materials will be distributed to participants, families, teachers and to professional health educators as well as to the general public through the UNCE website. New curriculum and educational materials are being developed and tested.

3. Program existence : Intermediate (One to 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
703	Nutrition Education and Behavior	50%			
724	Healthy Lifestyle	30%			
802	Human Development and Family Well-Being	10%			
803	Sociological and Technological Change Affecting Individuals, Families, and Communities	5%			
806	Youth Development	5%			
	Total	100%			

V(C). Planned Program (Situation and Scope)**1. Situation and priorities**

Over 2/3rds of adults and 1/3rd of youth are overweight. This is especially true among minority youth and continues to rise in youth.

Rather than trying to treat obesity after it occurs, strategies to prevent excessive weight gain and decrease sedentary activity are needed. Since eating and activity behaviors are established in childhood, obesity prevention experts suggest initiating strategies early in life. This is the primary direction Nevada is taking in its "Childhood Obesity" programming.

2. Scope of the Program

- In-State Extension
- In-State Research
- Integrated Research and Extension

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

1. Assumptions made for the Program

Rather than trying to treat obesity after it occurs, strategies to prevent excessive weight gain and decrease sedentary activity are needed. Since eating and activity behaviors are established in childhood, obesity prevention experts suggest initiating strategies early in life. This is the direction Nevada is taking in its "Childhood Obesity" programming.

A multifaceted programming addressing obesity and physical activity in younger children and involving parents can have greater impact in childhood obesity rather than waiting until they are older.

2. Ultimate goal(s) of this Program

For youth to learn and adopt healthy eating and physical activities and reduce obesity.

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
2011	2.0	0.0	0.0	0.0
2012	2.0	0.0	0.0	0.0
2013	2.0	0.0	0.0	0.0
2014	2.0	0.0	0.0	0.0
2015	2.0	0.0	0.0	0.0

V(F). Planned Program (Activity)

1. Activity for the Program

"All for Kids" is an interdisciplinary approach addressing child obesity. Utilizing strategies from maternal/child health and nutrition, exercise physiology and child development, this program encourages preschool children and their families to engender healthy eating habits and being active every day. Cooperative Extension staff provide 24, 30-minute lessons three times a week for eight weeks to preschoolers. Families are engaged in weekly nutrition activities and monthly events to extend the education to the home.

This program has been extensively piloted and a variety of curriculum materials and educational tools form videos, to music, etc. have been developed.

"Chefs for Kids" is aimed at 1st and 2nd graders during school. It focuses on food and nutrition as well as physical activity.

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"> • Education Class • Workshop • Demonstrations • Other 1 (Music/Dance) | <ul style="list-style-type: none"> • Newsletters • Web sites • Other 1 () |
|--|---|

3. Description of targeted audience

The primary target audience is per-school youth and youth in elementary school along with their families. A secondary audience is those who teach youth health, nutrition and physical activity or care for youth - parents, teachers, child care providers, health educators, etc.

V(G). Planned Program (Outputs)

1. Standard output measures

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

	Direct Contact Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Year	Target	Target	Target	Target
2011	5000	0	75000	0
2012	5000	0	75000	0
2013	5000	0	75000	0
2014	5000	0	75000	0
2015	5000	0	75000	0

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

2011:0 2012:0 2013:0 2014:0 2015:0

3. Expected Peer Review Publications

Year	Research Target	Extension Target	Total
2011	0	5	0
2012	0	5	0
2013	0	5	0
2014	0	5	0
2015	0	5	0

V(H). State Defined Outputs

1. Output Target

V(I). State Defined Outcome

O. No.	Outcome Name
1	Preschoolers improving physical skills highlighted in the Nevada Pre-K standards.
2	Preschoolers who would choose a health snack over an unhealthy snack when present a choice.
3	First and second grade students learning healthy food choices and good physical activity choices.
4	Youth learning to make healthy food choices and gaining physical activity through "hands on" school garden based educational programs.
5	American Indian youth increase awareness of and exposure to a variety of vegetables and fruits, including traditional American Indian varieties.

Outcome # 1

1. Outcome Target

Preschoolers improving physical skills highlighted in the Nevada Pre-K standards.

2. Outcome Type : Change in Condition Outcome Measure

2011:1500 2012:2000 2013:2000 2014:2500 2015:2500

3. Associated Knowledge Area(s)

- 703 - Nutrition Education and Behavior
- 724 - Healthy Lifestyle
- 802 - Human Development and Family Well-Being
- 806 - Youth Development

4. Associated Institute Type(s)

- 1862 Extension

Outcome # 2

1. Outcome Target

Preschoolers who would choose a health snack over an unhealthy snack when present a choice.

2. Outcome Type : Change in Action Outcome Measure

2011:1500 2012:1500 2013:2000 2014:2000 2015:2000

3. Associated Knowledge Area(s)

- 703 - Nutrition Education and Behavior
- 724 - Healthy Lifestyle
- 806 - Youth Development

4. Associated Institute Type(s)

- 1862 Extension

Outcome # 3

1. Outcome Target

First and second grade students learning healthy food choices and good physical activity choices.

2. Outcome Type : Change in Knowledge Outcome Measure

2011:2000 2012:2000 2013:2500 2014:2500 2015:3000

3. Associated Knowledge Area(s)

- 703 - Nutrition Education and Behavior
- 724 - Healthy Lifestyle

4. Associated Institute Type(s)

- 1862 Extension

Outcome # 4

1. Outcome Target

Youth learning to make healthy food choices and gaining physical activity through "hands on" school garden based educational programs.

2. Outcome Type : Change in Action Outcome Measure

2011:100 2012:150 2013:200 2014:200 2015:200

3. Associated Knowledge Area(s)

- 703 - Nutrition Education and Behavior
- 724 - Healthy Lifestyle
- 806 - Youth Development

4. Associated Institute Type(s)

- 1862 Extension

Outcome # 5

1. Outcome Target

American Indian youth increase awareness of and exposure to a variety of vegetables and fruits, including traditional American Indian varieties.

2. Outcome Type : Change in Knowledge Outcome Measure

2011:250 2012:250 2013:300 2014:300 2015:350

3. Associated Knowledge Area(s)

- 703 - Nutrition Education and Behavior
- 802 - Human Development and Family Well-Being

4. Associated Institute Type(s)

- 1862 Extension

V(J). Planned Program (External Factors)

1. External Factors which may affect Outcomes

- Economy
- Appropriations changes
- Other (Grant availability)

Description

In FY08 Nevada had a 6% cut in state budget and a 8% cut in FY09 budget. For FY10 and FY11 a 17% reduction in state budget was mandated. An additional cut of 6.9% for FY10 & FY11 has been announced. This has impacted overall 2009 programming and may have an impact on overall programming for FY10, FY11

and beyond. However, this particular program has not been negatively impacted at this time although the potential remains.

The poor economy (13% unemployment) may have an impact on families ability to purchase and try more nutritious and healthy food choices.

Grant funding is key to this program. A major \$1Million grant has been received to expand beyond the programming efforts. Grant funding and community resources (volunteer as well as funding) are the major sources of program support at this time.

V(K). Planned Program (Evaluation Studies and Data Collection)

1. Evaluation Studies Planned

Description

{NO DATA ENTERED}

2. Data Collection Methods

Description

{NO DATA ENTERED}

V(A). Planned Program (Summary)**Program # 5****1. Name of the Planned Program**

Food Safety

2. Brief summary about Planned Program

The Beef Quality Assurance (BQA) program's mission is to maximize consumer confidence in acceptance of beef by focusing the industry's attention on beef quality assurance through the use of science, research and education initiatives. American families expect and deserve quality and wholesome beef. Cow-calf producers are the very first link in the production chain. What they do in the raising, feeding and marketing of these animals does have an impact on the final beef product. The incentive in this voluntary program is the satisfaction that participants (beef producers), are doing everything in their power to produce a wholesome product. By becoming certified, producers are increasing consumer confidence in their product, "Beef."

3. Program existence : Intermediate (One to 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
307	Animal Management Systems	35%			
308	Improved Animal Products (Before Harvest)	25%			
311	Animal Diseases	15%			
315	Animal Welfare/Well-Being and Protection	5%			
711	Ensure Food Products Free of Harmful Chemicals, Including Residues from Agricultural and Other Sources	10%			
806	Youth Development	10%			
	Total	100%			

V(C). Planned Program (Situation and Scope)**1. Situation and priorities**

Maintaining a health and safe food supply is of increasing concern to producers as consumers become more concerned about food safety issues. American families expect and deserve quality and wholesome beef. Cow-calf producers are the very first link in the production chain. What they do in the raising, feeding and marketing of these animals does have an impact on the final beef product.

2. Scope of the Program

- In-State Extension

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

1. Assumptions made for the Program

Ag producers are increasingly concerned about consumer confidence in the food supply production. Consumers want food that is safe.

Beef producers are committed to producing a safe product acceptable to consumers are and willing to adapt production methods accordingly.

2. Ultimate goal(s) of this Program

For beef producers to provide consumers a product that is safe and in which consumers can have confidence.

Another goal is for youth involved in 4-H livestock programs to adopt and use "quality assurance" principles in their livestock projects.

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
2011	1.0	0.0	0.0	0.0
2012	1.0	0.0	0.0	0.0
2013	1.0	0.0	0.0	0.0
2014	1.0	0.0	0.0	0.0
2015	1.0	0.0	0.0	0.0

V(F). Planned Program (Activity)

1. Activity for the Program

Training will be held for beef producers to allow them to become BQA certified. Also, all 4-H youth involved in livestock projects are required to be training in the principles of "quality assurance" and to apply them in their livestock projects.

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"> • Workshop 	<ul style="list-style-type: none"> • Newsletters • Web sites • Other 1 ()

3. Description of targeted audience

Beef producers and youth involved in livestock 4-H projects or livestock shows. (All youth participating in statewide and local livestock events are being required to have "quality assurance" training modeled on the BQA program in order to participate in livestock events or projects.)

V(G). Planned Program (Outputs)

1. Standard output measures

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

	Direct Contact Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Year	Target	Target	Target	Target
2011	4000	0	500	0
2012	4000	0	500	0
2013	4000	0	500	0
2014	4000	0	500	0
2015	4000	0	500	0

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

2011:0 2012:0 2013:0 2014:0 2015:0

3. Expected Peer Review Publications

Year	Research Target	Extension Target	Total
2011	0	2	0
2012	0	2	0
2013	0	2	0
2014	0	2	0
2015	0	2	0

V(H). State Defined Outputs

1. Output Target

V(I). State Defined Outcome

O. No.	Outcome Name
1	Beef producers and related industry persons BQA certified.
2	Youth learning animal "quality assurance" principles for livestock they raise or show in 4-H or other livestock events.

Outcome # 1

1. Outcome Target

Beef producers and related industry persons BQA certified.

2. Outcome Type : Change in Action Outcome Measure

2011:200 2012:200 2013:300 2014:300 2015:200

3. Associated Knowledge Area(s)

- 307 - Animal Management Systems
- 308 - Improved Animal Products (Before Harvest)
- 311 - Animal Diseases
- 315 - Animal Welfare/Well-Being and Protection
- 711 - Ensure Food Products Free of Harmful Chemicals, Including Residues from Agricultural and Other Sources

4. Associated Institute Type(s)

- 1862 Extension

Outcome # 2

1. Outcome Target

Youth learning animal "quality assurance" principles for livestock they raise or show in 4-H or other livestock events.

2. Outcome Type : Change in Knowledge Outcome Measure

2011:500 2012:500 2013:500 2014:500 2015:500

3. Associated Knowledge Area(s)

- 307 - Animal Management Systems
- 308 - Improved Animal Products (Before Harvest)
- 311 - Animal Diseases
- 315 - Animal Welfare/Well-Being and Protection
- 711 - Ensure Food Products Free of Harmful Chemicals, Including Residues from Agricultural and Other Sources
- 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

Description

In FY08 Nevada had a 6% cut in state budget and a 8% cut in FY09 budget. For FY10 and FY11 a 17% reduction in state budget was mandated. A further cut of 6.9% has been announced for the FY10 & FY11. Reductions in budgets could impact future programming in this area. Also proposed restructuring for the College of Agriculture into the College of Science and elimination of two departments could impact a state specialist position which has contributed to this program.

V(K). Planned Program (Evaluation Studies and Data Collection)

1. Evaluation Studies Planned

Description

{NO DATA ENTERED}

2. Data Collection Methods

Description

{NO DATA ENTERED}

V(A). Planned Program (Summary)**Program # 6****1. Name of the Planned Program**

Human & Family Development

2. Brief summary about Planned Program

Human & Family Development programming primarily focuses on the interrelated areas of: children, youth and families at risk, positive youth development, parenting education, literacy and child care provider training.

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
702	Requirements and Function of Nutrients and Other Food Components	5%			
703	Nutrition Education and Behavior	5%			
802	Human Development and Family Well-Being	65%			
803	Sociological and Technological Change Affecting Individuals, Families, and Communities	15%			
806	Youth Development	10%			
	Total	100%			

V(C). Planned Program (Situation and Scope)**1. Situation and priorities**

UNCE programming is always based on one or more needs assessments, and needs assessments are an ongoing process. As a result of needs assessments (both formal and informal) Cooperative Extension has developed a variety of efforts to address the interrelated areas of: children, youth and families at risk, positive youth development, parenting education, literacy and child care provider training.

The Nevada Child Care Work Force Study (Essa, 2002) estimated that there are 40,500 children under six years of age in licensed, paid child care in Nevada. An unknown number (but probably equally large) are in care by relatives and neighbors that is unlicensed and, in some cases, unpaid. Nearly 6,000 Nevada school age children are in licensed care. Because many child care programs for school-age and adolescent children are not required to be licensed, there are far more school-age children receiving care than 6,000, but the exact number is unknown. There are about 5,400 caregivers providing early care and education in licensed programs in Nevada. In 2002 the State Licensing Regulations for child caregivers was expanded beyond the 12 hours of in-service education to a Career adopted a Ladder for childcare providers with seven levels. In addition, the number of hours of in-service education required for caregivers was recently expanded from 12 to 15 annually.

Need assessments by UNCE in the early '90s identified juvenile justice issues as a priority when results found few alternatives other than detention were available for Elko youth—helping drive the large recidivism rate in that county.

Collaborations were formed in several communities (with UNCE involvement) to address this issue. As a consequence of these activities, Project MAGIC (Making A Group & Individual Commitment) was developed developed by Cooperative Extension to target first time and less serious offenders. MAGIC is now conducted in a variety of both urban and rural settings as well as on an Indian Reservation.

Literacy is a concern in Nevada. One quarter of Nevadans--nearly 300,000 youth and adults--are illiterate; they cannot read or write well enough to do simple tasks, such as filling out a job application or reading the newspaper (Nevada Literacy 2000, 1992). Further, teachers in Nevada report that they have children entering school who have never held a book in their hands. Children for whom English is a second language are of particular concern in this country, because they often have difficulty in school. Given the growing percentage of Spanish-speaking immigrants in Nevada, there is an ever-larger numbers of ESL children, at risk for low achievement, entering schools in our state.

While teachers, social workers, and other professionals indicate the need for parenting education, there are no statewide surveys to pinpoint needs. One indicator is the statistics on child abuse and neglect in Nevada. In 2000, there were 12,797 reports of suspected abuse and/or neglect, of which close to 27% were substantiated.

A needs assessment of the needs of senior citizens was completed in December of 2007 and is now being being used to plan and develop programs for this fast growing part of the population. It is anticipated that programming will expand into this area.

2. Scope of the Program

- In-State Extension
- In-State Research
- Integrated Research and Extension
- Multistate Integrated Research and Extension

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

1. Assumptions made for the Program

1. Given the limited Extension resources, collaborations with community and state agencies or organizations are key to program success.

2. Until FY08 and FY09 it was assumed that funding would remain constant. This is no longer true. In FY08 Nevada had a 6% cut in state budget and a 8% cut in FY09 budget. For FY10 and FY11 a 17% reduction in state budget was mandated. A further cut of 6.9% for FY10 and FY11 has just been announced in addition to the 17% reduction. Over time these budget reductions have caused the loss of several positions (or positions being unfilled) and resulted in changes in resources for programming. This has impacted 2009 programming and will have an impact on programming for FY10, FY11 and beyond.

3. The recent economic recession, loss of employment, reduced income, etc. will potentially have increasingly negative impacts on youth, families, senior citizens and minority groups.

4. The availability of grant funding from other organizations and agencies has been especially important.

2. Ultimate goal(s) of this Program

Primary goals are:

1. Reduced risk and increased protective assets for youth and families at risk.
2. Improve literacy skills of children and parents, including ESL parents & children through programming.
3. Improve the quality of care provided by child care providers through training and educational programming.
4. Provide positive youth development opportunities for all youth.
5. Improve quality of life programming for senior citizens.

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
2011	12.0	0.0	0.0	0.0
2012	12.0	0.0	0.0	0.0
2013	12.0	0.0	0.0	0.0
2014	12.0	0.0	0.0	0.0
2015	12.0	0.0	0.0	0.0

V(F). Planned Program (Activity)

1. Activity for the Program

A variety of activities will be undertaken including capacity building for other youth and family professionals through education classes and workshops, newsletters, and publications including curriculum. Some curriculum and materials will be web based as well. Also, a variety of activities (workshops, newsletters, one on one interventions, etc.) will be directly focused on youth and families at risk.

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"> • Workshop • Group Discussion • One-on-One Intervention 	<ul style="list-style-type: none"> • Newsletters • Web sites

3. Description of targeted audience

Target audiences include:

- Child care providers & other youth/family professionals
- Parents/families
- At Risk Youth & Families including Military families (Regular, Reserves and National Guard) and seniors

V(G). Planned Program (Outputs)

1. Standard output measures

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

	Direct Contact Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Year	Target	Target	Target	Target
2011	12000	0	10000	0

	Direct Contact Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Year	Target	Target	Target	Target
2012	12000	0	10000	0
2013	12000	0	10000	0
2014	12000	0	10000	0
2015	12000	0	10000	0

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

2011:0 2012:0 2013:0 2014:0 2015:0

3. Expected Peer Review Publications

Year	Research Target	Extension Target	Total
2011	0	20	0
2012	0	20	0
2013	0	20	0
2014	0	20	0
2015	0	20	0

V(H). State Defined Outputs

1. Output Target

- Number of youth and parents graduated from the entry level juvenile offenders program (MAGIC).

2011:200	2012:200	2013:200	2014:200	2015:200
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- Number of adults and youth reached in the Family Storyteller literacy program.

2011:5000	2012:5000	2013:5000	2014:5000	2015:5000
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- Number of youth reached through traditional 4-H Club membership.

2011:14000	2012:15000	2013:15000	2014:15000	2015:15000
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- Number of youth reached through 4-H youth development programs through non-4-H Club membership (ES 237).

2011:55000	2012:60000	2013:60000	2014:60000	2015:60000
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- Child care providers receiving training to improve their child care skills.

2011:2000	2012:2000	2013:2000	2014:2000	2015:2000
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V(I). State Defined Outcome

O. No.	Outcome Name
1	Child care providers and family/youth professionals learning new knowledge or skills.
2	Youth and parents improving literacy skills.
3	Youth 16-25 who are unemployed and not in school develop job and life skills ("Bootstraps" program) to transition into gainful employment.
4	Juvenile offenders and parents/guardians participating in Project MAGIC develop the positive skills and attitudes designed to leave the criminal justice system and become productive members of society.

Outcome # 1

1. Outcome Target

Child care providers and family/youth professionals learning new knowledge or skills.

2. Outcome Type : Change in Knowledge Outcome Measure

2011:1000 2012:1000 2013:1000 2014:1000 2015:1000

3. Associated Knowledge Area(s)

- 703 - Nutrition Education and Behavior
- 803 - Sociological and Technological Change Affecting Individuals, Families, and Communities

4. Associated Institute Type(s)

- 1862 Extension

Outcome # 2

1. Outcome Target

Youth and parents improving literacy skills.

2. Outcome Type : Change in Action Outcome Measure

2011:1000 2012:1000 2013:1000 2014:1000 2015:1000

3. Associated Knowledge Area(s)

- 802 - Human Development and Family Well-Being
- 803 - Sociological and Technological Change Affecting Individuals, Families, and Communities
- 806 - Youth Development

4. Associated Institute Type(s)

- 1862 Extension

Outcome # 3

1. Outcome Target

Youth 16-25 who are unemployed and not in school develop job and life skills ("Bootstraps" program) to transition into gainful employment.

2. Outcome Type : Change in Knowledge Outcome Measure

2011:100 2012:100 2013:100 2014:200 2015:200

3. Associated Knowledge Area(s)

- 802 - Human Development and Family Well-Being
- 803 - Sociological and Technological Change Affecting Individuals, Families, and Communities
- 806 - Youth Development

4. Associated Institute Type(s)

- 1862 Extension

Outcome # 4

1. Outcome Target

Juvenile offenders and parents/guardians participating in Project MAGIC develop the positive skills and attitudes designed to leave the criminal justice system and become productive members of society.

2. Outcome Type : Change in Knowledge Outcome Measure

2011:200	2012:200	2013:200	2014:200	2015:200
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3. Associated Knowledge Area(s)

- 802 - Human Development and Family Well-Being
- 803 - Sociological and Technological Change Affecting Individuals, Families, and Communities
- 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
- Other (Grant funding availability)

Description

The poor economy in Nevada (13% unemployment) has made this type of program more necessary than ever.

Changes in state appropriations are a concern. In FY08 Nevada had a 6% cut in state budget and a 8% cut in FY09 budget. For FY10 and FY11 a 17% reduction in state budget was mandated. A further cut of 6.9% for FY10 and FY11 has just been announced in addition to the 17% reduction. This has caused the loss of several positions (or positions unfilled) and resulted in changes in resources for overall programming. This has impacted 2009 programming and will have an impact on programming for FY10, FY11 and beyond.

The availability of grant funding from other organizations and agencies has been especially important.

V(K). Planned Program (Evaluation Studies and Data Collection)

1. Evaluation Studies Planned

Description

2. Data Collection Methods

Description

V(A). Planned Program (Summary)

Program # 7

1. Name of the Planned Program

Climate Change

2. Brief summary about Planned Program

Not applicable at this time.

3. Program existence : New (One year or less)

4. Program duration : Short-Term (One year or less)

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

6. Expending other than formula funds or state-matching funds : No

V(B). Program Knowledge Area(s)

1. Program Knowledge Areas and Percentage

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

1. Situation and priorities

{NO DATA ENTERED}

2. Scope of the Program

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

1. Assumptions made for the Program

{NO DATA ENTERED}

2. Ultimate goal(s) of this Program

{NO DATA ENTERED}

V(E). Planned Program (Inputs)

1. Estimated Number of professional FTE/SYs to be budgeted for this Program

V(F). Planned Program (Activity)

1. Activity for the Program

{NO DATA ENTERED}

2. Type(s) of methods to be used to reach direct and indirect contacts

Extension

Direct Methods	Indirect Methods

3. Description of targeted audience

{NO DATA ENTERED}

V(G). Planned Program (Outputs)

1. Standard output measures

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

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

3. Expected Peer Review Publications

V(H). State Defined Outputs

1. Output Target

V(I). State Defined Outcome

V(J). Planned Program (External Factors)

1. External Factors which may affect Outcomes

Description

{NO DATA ENTERED}

V(K). Planned Program (Evaluation Studies and Data Collection)

1. Evaluation Studies Planned

Description

{NO DATA ENTERED}

2. Data Collection Methods

Description

{NO DATA ENTERED}

V(A). Planned Program (Summary)

Program # 8

1. Name of the Planned Program

Global Food Security and Hunger

2. Brief summary about Planned Program

Not applicable at this time.

3. Program existence : New (One year or less)

4. Program duration : Short-Term (One year or less)

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

6. Expending other than formula funds or state-matching funds : No

V(B). Program Knowledge Area(s)

1. Program Knowledge Areas and Percentage

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

1. Situation and priorities

{NO DATA ENTERED}

2. Scope of the Program

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

1. Assumptions made for the Program

{NO DATA ENTERED}

2. Ultimate goal(s) of this Program

{NO DATA ENTERED}

V(E). Planned Program (Inputs)

1. Estimated Number of professional FTE/SYs to be budgeted for this Program

V(F). Planned Program (Activity)

1. Activity for the Program

{NO DATA ENTERED}

2. Type(s) of methods to be used to reach direct and indirect contacts

Extension

Direct Methods	Indirect Methods

3. Description of targeted audience

{NO DATA ENTERED}

V(G). Planned Program (Outputs)

1. Standard output measures

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

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

3. Expected Peer Review Publications

V(H). State Defined Outputs

1. Output Target

V(I). State Defined Outcome

V(J). Planned Program (External Factors)

1. External Factors which may affect Outcomes

Description

{NO DATA ENTERED}

V(K). Planned Program (Evaluation Studies and Data Collection)

1. Evaluation Studies Planned

Description

{NO DATA ENTERED}

2. Data Collection Methods

Description

{NO DATA ENTERED}

V(A). Planned Program (Summary)

Program # 9

1. Name of the Planned Program

Sustainable Energy

2. Brief summary about Planned Program

Not applicable at this time.

3. Program existence : New (One year or less)

4. Program duration : Short-Term (One year or less)

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

6. Expending other than formula funds or state-matching funds : No

V(B). Program Knowledge Area(s)

1. Program Knowledge Areas and Percentage

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

1. Situation and priorities

{NO DATA ENTERED}

2. Scope of the Program

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

1. Assumptions made for the Program

{NO DATA ENTERED}

2. Ultimate goal(s) of this Program

{NO DATA ENTERED}

V(E). Planned Program (Inputs)

1. Estimated Number of professional FTE/SYs to be budgeted for this Program

V(F). Planned Program (Activity)

1. Activity for the Program

{NO DATA ENTERED}

2. Type(s) of methods to be used to reach direct and indirect contacts

Extension

Direct Methods	Indirect Methods

3. Description of targeted audience

{NO DATA ENTERED}

V(G). Planned Program (Outputs)

1. Standard output measures

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

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

3. Expected Peer Review Publications

V(H). State Defined Outputs

1. Output Target

V(I). State Defined Outcome

V(J). Planned Program (External Factors)

1. External Factors which may affect Outcomes

Description

{NO DATA ENTERED}

V(K). Planned Program (Evaluation Studies and Data Collection)

1. Evaluation Studies Planned

Description

{NO DATA ENTERED}

2. Data Collection Methods

Description

{NO DATA ENTERED}