Food Insecurity and Nutrition in Vulnerable Populations

V(A). Planned Program (Summary)
1. Name of the Planned Program
Food Insecurity and Nutrition in Vulnerable Populations

V(B). Program Knowledge Area(s)
1. Program Knowledge Areas and Percentage

<table>
<thead>
<tr>
<th>KA Code</th>
<th>Knowledge Area</th>
<th>%1862 Extension</th>
<th>%1890 Extension</th>
<th>%1862 Research</th>
<th>%1890 Research</th>
</tr>
</thead>
<tbody>
<tr>
<td>703</td>
<td>Nutrition Education and Behavior</td>
<td>50%</td>
<td>50%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>704</td>
<td>Nutrition and Hunger in the Population</td>
<td>50%</td>
<td>50%</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>100%</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

V(C). Planned Program (Inputs)
1. Actual amount of professional FTE/SYs expended this Program

<table>
<thead>
<tr>
<th>Year: 2007</th>
<th>Extension</th>
<th>Research</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2007</td>
<td></td>
</tr>
<tr>
<td>Plan</td>
<td>1862</td>
<td>1890</td>
</tr>
<tr>
<td>Plan</td>
<td>3.5</td>
<td>0.0</td>
</tr>
<tr>
<td>Actual</td>
<td>0.0</td>
<td>0.0</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th></th>
<th>Extension</th>
<th>Research</th>
</tr>
</thead>
<tbody>
<tr>
<td>Smith-Lever 3b &amp; 3c</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>1890 Extension</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Hatch</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Evans-Allen</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>1862 Matching</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>1890 Matching</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>1862 All Other</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>1890 All Other</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

V(D). Planned Program (Activity)
1. Brief description of the Activity
   • Assess the diet quality of targeted low-income, vulnerable populations.
   • Assess the food security status of targeted low-income, vulnerable populations.
   • Assess the food resource management and food safety practices of the target audience.
   • Develop and implement assessment tools, curriculum, print materials and social marketing campaigns.
   • Evaluate the effectiveness of interventions and materials related to behavior change.
   • Facilitate and strengthen community partnerships.
   • Seek external funds to support program goals.
2. Brief description of the target audience
Low-income, Food Stamp eligible and participating families, children and older adults.
V(E). Planned Program (Outputs)

1. Standard output measures

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

<table>
<thead>
<tr>
<th>Year</th>
<th>Direct Contacts Adults</th>
<th>Indirect Contacts Adults</th>
<th>Direct Contacts Youth</th>
<th>Indirect Contacts Youth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plan</td>
<td>4000</td>
<td>100000</td>
<td>5000</td>
<td>10000</td>
</tr>
<tr>
<td>2007</td>
<td>16000</td>
<td>250000</td>
<td>6500</td>
<td>100000</td>
</tr>
</tbody>
</table>

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

Patent Applications Submitted

<table>
<thead>
<tr>
<th>Year</th>
<th>Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plan:</td>
<td>0</td>
</tr>
<tr>
<td>2007:</td>
<td>0</td>
</tr>
</tbody>
</table>

3. Publications (Standard General Output Measure)

Number of Peer Reviewed Publications

Extension | Research | Total
----------|----------|--------
Plan:      | 0        | 0      |
2007:      | 0        | 0      |

V(F). State Defined Outputs

Output Target
### Output Measure

- **Peer reviewed publications**
  - **Year** 2007
  - **Target** 0
  - **Actual** 0

### Output Measure

- **Abstracts**
  - **Year** 2007
  - **Target** 1
  - **Actual** 1

### Output Measure

- **Scientific/Professional presentations**
  - **Year** 2007
  - **Target** 0
  - **Actual** 4

### Output Measure

- **Website Development and Refinement**
  - **Year** 2007
  - **Target** 1
  - **Actual** 1

### Output Measure

- **Public Service Announcements and Social Marketing Campaigns**
  - **Year** 2007
  - **Target** 1
  - **Actual** 1

### Output Measure

- **Video Productions**
  - **Year** 2007
  - **Target** 3
  - **Actual** 4

### Output Measure

- **Curriculum Development and Delivery**
  - **Year** 2007
  - **Target** 1
  - **Actual** 8

### Output Measure

- **Fact Sheets, Bulletins and Newsletters**
  - **Year** 2007
  - **Target** 20
  - **Actual** 35

### Output Measure

- **Student Training**
  - **Year** 2007
  - **Target** 4
  - **Actual** 10

### Output Measure

- **Volunteer Training**
  - **Year** 2007
  - **Target** 15
  - **Actual** 45

### Output Measure

- **Workshops and Programs**
  - **Year** 2007
  - **Target** 120
  - **Actual** 634
### Output Measure
- MS Thesis or PhD Dissertation

<table>
<thead>
<tr>
<th>Year</th>
<th>Target</th>
<th>Actual</th>
</tr>
</thead>
<tbody>
<tr>
<td>2007</td>
<td>2</td>
<td>3</td>
</tr>
</tbody>
</table>
### V(G). State Defined Outcomes

<table>
<thead>
<tr>
<th>O No.</th>
<th>Outcome Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>25% of EFNEP and FSNE Families and Older Adults will improve dietary practices from baseline in one or more domains (diet quality, food security, food resource management, or food safety) thus reducing future risk of disease and improving health and quality of life (# representing 25%).</td>
</tr>
</tbody>
</table>
Food Insecurity and Nutrition in Vulnerable Populations

Outcome #1

1. Outcome Measures
   25% of EFNEP and FSNE Families and Older Adults will improve dietary practices from baseline in one or more domains (diet quality, food security, food resource management, or food safety) thus reducing future risk of disease and improving health and quality of life (# representing 25%).

2. Associated Institution Types
   • 1862 Extension

3a. Outcome Type:
   Change in Condition Outcome Measure

3b. Quantitative Outcome

<table>
<thead>
<tr>
<th>Year</th>
<th>Quantitative Target</th>
<th>Actual</th>
</tr>
</thead>
<tbody>
<tr>
<td>2007</td>
<td>1000</td>
<td>3722</td>
</tr>
</tbody>
</table>

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)
Health risks and subsequent medical costs associated with obesity and poverty continue to increase.

What has been done
Programming has targeted adults and children with limited resources (nutrition education, social marketing, distance information transfer and mass media).

Results
Increase in consumption of fruits and vegetables, increase in physical activity and improved food safety practices.

4. Associated Knowledge Areas

<table>
<thead>
<tr>
<th>KA Code</th>
<th>Knowledge Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>703</td>
<td>Nutrition Education and Behavior</td>
</tr>
<tr>
<td>704</td>
<td>Nutrition and Hunger in the Population</td>
</tr>
</tbody>
</table>

V(H). Planned Program (External Factors)

External factors which affected outcomes
- Economy
- Appropriations changes
- Public Policy changes
- Government Regulations
- Competing Public priorities
- Competing Programmatic Challenges
- Populations changes (immigration,new cultural groupings,etc.)

Brief Explanation
As unemployment and rates of foreclosure increase, the number of people in economic distress and subsequently eligible for EFNEP and FSNE has increased. Social service agencies are competing for fewer state dollars. Population changes include new immigrants from the developing African countries of Eritrea and Burundi.

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

1. Evaluation Studies Planned
Evaluation Results

Key Items of Evaluation