

# Improving Human Health and Wellbeing through Food Function and Food Safety

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

### 1. Name of the Planned Program

Improving Human Health and Wellbeing through Food Function and Food Safety

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

### 1. Program Knowledge Areas and Percentage

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
501	New and Improved Food Processing Technologies			20%	
502	New and Improved Food Products			17%	
503	Quality Maintenance in Storing and Marketing Food Products			15%	
702	Requirements and Function of Nutrients and Other Food Components			24%	
703	Nutrition Education and Behavior			2%	
711	Ensure Food Products Free of Harmful Chemicals, Including Residues from Agricultural and Other Sources.			3%	
712	Protect Food from Contamination by Pathogenic Microorganisms, Parasites, and Naturally Occurring Toxins			19%	
	<b>Total</b>			100%	

## V(C). Planned Program (Inputs)

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

Year: 2008	Extension		Research	
	1862	1890	1862	1890
<b>Plan</b>	0.0	0.0	7.8	0.0
<b>Actual</b>	0.0	0.0	8.7	0.0

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

Extension		Research	
Smith-Lever 3b & 3c	1890 Extension	Hatch	Evans-Allen
0	0	357421	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
0	0	767871	0
1862 All Other	1890 All Other	1862 All Other	1890 All Other
0	0	982490	0

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

**1. Brief description of the Activity**

Conduct research and produce refereed publications in the scientific literature. Hold international scientific symposia

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

Healthcare professionals  
 Nutritionist  
 Food Safety industry  
 Food Industry

**V(E). Planned Program (Outputs)**

**1. Standard output measures**

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

	Direct Contacts Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Year	Target	Target	Target	Target
Plan	0	0	0	0
2008	0	0	0	0

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

**Patent Applications Submitted**

Year	Target
Plan:	0
2008:	0

**Patents listed**

**3. Publications (Standard General Output Measure)**

**Number of Peer Reviewed Publications**

	Extension	Research	Total
Plan	0	40	
2008	0	55	0

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

**Output Target**

**Output #1**

**Output Measure**

# of refereed publications

Year	Target	Actual
2008	10	25

**Output #2**

**Output Measure**

# of international symposia

Year	Target	Actual
2008	1	1

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

<b>O No.</b>	<b>Outcome Name</b>
1	Accurate research on functional foods made available and shared
2	Accurate research on food safety made availalbe and shared
3	Accurate Research on Food Function and Nutrition
4	Accurate research in production, characterization and application of nanostructured food
5	Accurate research in food processing technologies
6	Accurate research on characterization of transfer monocytogenes between processing surfaces and food
7	Accurate research on seafood safety

**Outcome #1**

**1. Outcome Measures**

*Not reporting on this Outcome for this Annual Report*

**2. Associated Institution Types**

**3a. Outcome Type:**

**3b. Quantitative Outcome**

Year	Quantitative Target	Actual
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**3c. Qualitative Outcome or Impact Statement**

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

KA Code	Knowledge Area
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**V(H). Planned Program (External Factors)**

**External factors which affected outcomes**

Economy

Competing Public priorities

**Brief Explanation**

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

**1. Evaluation Studies Planned**

Other (scientific peer review)

**Evaluation Results**

**Key Items of Evaluation**