

6. Health and Wellness of Hawaii's Families and Communities

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V(A). Planned Program (Summary)

1. Name of the Planned Program

6. Health and Wellness of Hawaii's Families and Communities

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	0%		14%	
703	Nutrition Education and Behavior	10%		0%	
704	Nutrition and Hunger in the Population	10%		0%	
711	Ensure Food Products Free of Harmful Chemicals, Including Residues from Agricultural and Other Sources.	20%		42%	
712	Protect Food from Contamination by Pathogenic Microorganisms, Parasites, and Naturally Occurring Toxins	20%		30%	
721	Insects and Other Pests Affecting Humans	0%		2%	
722	Zoonotic Diseases and Parasites Affecting Humans	10%		10%	
723	Hazards to Human Health and Safety	10%		2%	
724	Healthy Lifestyle	20%		0%	
	Total	100%		100%	

V(C). Planned Program (Inputs)

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

Year: 2008	Extension		Research	
	1862	1890	1862	1890
Plan	13.8	0.0	3.0	0.0
Actual	4.4	0.0	3.5	0.0

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

Extension		Research	
Smith-Lever 3b & 3c 94679	1890 Extension	Hatch 333441	Evans-Allen 0
1862 Matching 383279	1890 Matching 0	1862 Matching 657244	1890 Matching 0
1862 All Other 432688	1890 All Other 0	1862 All Other 227481	1890 All Other 0

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V(D). Planned Program (Activity)

1. Brief description of the Activity

- Develop research, extension, and education initiatives to protect the state from bioterrorism. •
- Maintain and upgrade research and extension laboratory resources needed to rapidly detect, analyze and identify chemical and biological samples. •
- Establish effective working relations with state and federal laboratories and programs focused on agroterrorism. •
- Establish formal and information education and training programs for students, first responders/detectors and agriculture producers. •
- Develop and maintain an effective pesticide management program. •
- Develop a CTAHR response plan in conjunction with Hawai'i Department of Health in preparation for an emergency or unexpected outbreak. •
- Provide training to extension faculty to educate Hawai'i farmers and ranchers to help mitigate effects of a zoonotic or foreign animal disease outbreak. •
- Promote locally grown commodities to minimize unnecessary imports from mainland and international destinations. •
- Establish a Pacific Agrosecurity system to provide training for partners in the American Pacific to ensure that first responders are prepared. •
- Conduct outreach programs for stakeholders to strengthen their capacity to make educated decisions to improve their health, wellness and overall quality of life.

2. Brief description of the target audience

As intended by the Land Grant perspective, CTAHR's "targeted" clients for this program in **teaching** are the undergraduate and graduate students in family and consumer sciences and allied fields. Targeted clients for **research** are peers and extension specialists. Clients for **extension specialists** are CTAHR's county extension agents and the counterpart professional personnel of sister state and federal agencies (such as the Hawai'i State Departments of Health, and Social Service). Clients for **extension agents** are youth, families, and extended families, especially those on limited budgets, youth and adults at risk for obesity and diabetes and related diseases, farmers and farm workers, especially those that are immigrants, the general public and consumers of local produce, extension staff in other CTAHR units and at sister institutions, and other members of the professional community who deal with family, youth and health issues.

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	4000	10000	1000	150
2008	14680	78613	4498	14750

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

Patent Applications Submitted

Year	Target
Plan:	0
2008:	0

Patents listed

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3. Publications (Standard General Output Measure)

Number of Peer Reviewed Publications

	Extension	Research	Total
Plan	2	3	
2008	0	30	30

V(F). State Defined Outputs

Output Target

Output #1

Output Measure

Number of molecular diagnostic methods, tools and techniques developed for ABTA's

Year	Target	Actual
2008	0	0

Output #2

Output Measure

Number of outreach activities and events conducted

Year	Target	Actual
2008	100	489

Output #3

Output Measure

Number of mitigation and remediation techniques or tools developed

Year	Target	Actual
2008	0	0

Output #4

Output Measure

Number of students, scientists, technicians, first responders, and government officials completing training to evaluate effective ABTA response protocols

Year	Target	Actual
2008	15	0

Output #5

Output Measure

Number of publications

Year	Target	Actual
2008	5	30

Output #6

Output Measure

Presentations at international and national meetings.

Year	Target	Actual
2008	5	7

Output #7

Output Measure

Grant proposals submitted.

Year	Target	Actual
2008	5	9

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V(G). State Defined Outcomes

O No.	Outcome Name
1	Number of people trained and who receive their pesticide applicators license
2	Number of people who changed their behavior to better their health
3	New methods are developed for rapid extraction and measurement of toxic chemicals
4	Number of people who increased their knowledge in health and wellness through outreach activities
5	Total dollar value of grants and contracts obtained.

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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

Natural Disasters (drought, weather extremes, etc.)

Economy

Appropriations changes

Public Policy changes

Government Regulations

Competing Public priorities

Competing Programmatic Challenges

Brief Explanation

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

1. Evaluation Studies Planned

Before-After (before and after program)

During (during program)

Evaluation Results

Key Items of Evaluation