

Pest Management Alliance Grants 2011–12 Funding Cycle

PMAC

May 12, 2011



PEST MANAGEMENT ALLIANCE GRANT PROGRAM

GOAL

Increase implementation and adoption of proven, effective integrated pest management (IPM) practices that reduce pesticide risks to human health and the environment.

ALLIANCE

A diverse team that plans and oversees outreach strategies that promote the adoption and implementation of urban and agricultural IPM practices.

2011 ALLIANCE GRANT PROGRAM

Fifth Alliance Grant cycle since 2007

- * 11 projects (\$1,939,988 total) to date
- * Final reports from third year Alliance projects due this week
 - * Child Care
 - * Delta Water Quality
 - * Cling Peach

2011 ALLIANCE GRANT PROGRAM

Since last year...

- * Revised solicitation materials
- * Expanded contact list
- * Revised Alliance grants Web site

2011 ALLIANCE GRANT PROGRAM

- * Solicitation materials issued Jan. 13
- * Concepts due Feb. 7
 - * 14 received and reviewed by DPR staff
 - * 5 applicants asked to submit full proposals
- * Proposals due Apr. 7 (five received)
- * \$400,000 for 2 projects

2011 ALLIANCE GRANT PROGRAM

SCORING CRITERIA FOR PMAC

Overview	10
Goals & Objectives	10
Review of Current Pest Management Practices	10
Adoption & Deliverables	10
Measures of Success	10
Management Team	15
Scope of Work	25
Budget	10
TOTAL	100

2011 ALLIANCE GRANT PROGRAM

PROJECT	AMOUNT	DPR score (rank)	PMAC score (rank)
Green Cleaning, Sanitizing & Disinfecting	\$199,966	89.6 (1)	75.8 (3)
Monterey Bay Green Gardener	\$75,562	86.3 (2)	80.4 (2)
Got Ants?	\$200,000	85.4 (3)	80.6 (1)
Nonchemical IPM for Bed Bugs	\$175,852	77.7 (4)	73.5 (4)
Improving Health Through IPM in Fresno	\$199,830	76.1 (5)	71.9 (5)

SUBMITTED PROPOSALS FOR 2011–12 CYCLE

1

IPM for Low-income Multifamily Housing (Fresno)

Fresno Interdenominational Refugee Ministries (FIRM)

2

IPM for Bed Bugs

UC Berkeley

3

Got Ants?

San Francisco Estuary Partnership

4

Green Cleaning for Early Care & Education

UCSF

5

Monterey Bay Green Gardener

Ecology Action

SUBMITTED PROPOSALS FOR 2011–12 CYCLE

* THE BASICS

- * Title, principal investigator, affiliation
- * Timeframe, amount requested
- * Big-picture goals

* DETAILS

- * Goals & objectives
- * Deliverables and measures of success
- * Management team, partners
- * Budget—what are the big line items?



IMPROVING HEALTH THROUGH INTEGRATED PEST MANAGEMENT IN FRESNO

- * PI: Ingrid Carmean, Carmean Pest Management
- * \$199.8K | 2 years, 8 months
- * Where? Fresno
- * IPM training for residents of low-income housing
 - * Reduce #s of German cockroaches
 - * Reduce use of aerosol pesticides & foggers



FRESNO

GOALS AND OBJECTIVES

- * Increase access to IPM practices in urban, low-income communities in Fresno
- * Enable adoption of IPM practices among building tenants, maintenance staff & managers, and owners

AUDIENCE =

building residents, maintenance staff & managers;
local & regional health & housing departments

FRESNO

OBJECTIVES → DELIVERABLES

- * Educate health & housing agencies, building management, staff, & residents about IPM → Curriculum, Healthy Homes Kits
- * Train promotoras and follow their progress with residents → 70% fewer roaches



FRESNO

MANAGEMENT TEAM

- * Independent PMP
- * Faith-based public health groups
- * Community-based NGOs

PARTNERS

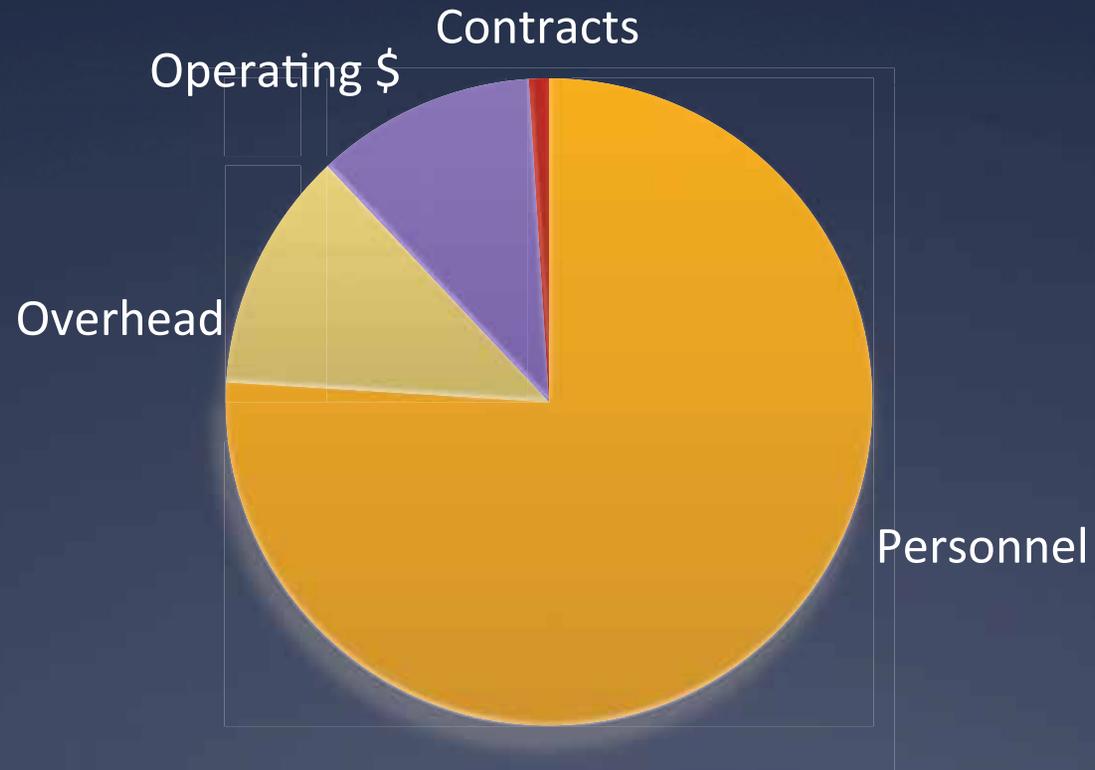
- * City and county-affiliated groups
- * Health care & asthma prevention groups
- * Other community health advocacy groups

THE BUDGET: LINE ITEMS

- * Personnel & benefits
- * Operating expenses
- * Travel
- * Equipment
- * Contracts
- * Construction
- * Overhead

FRESNO

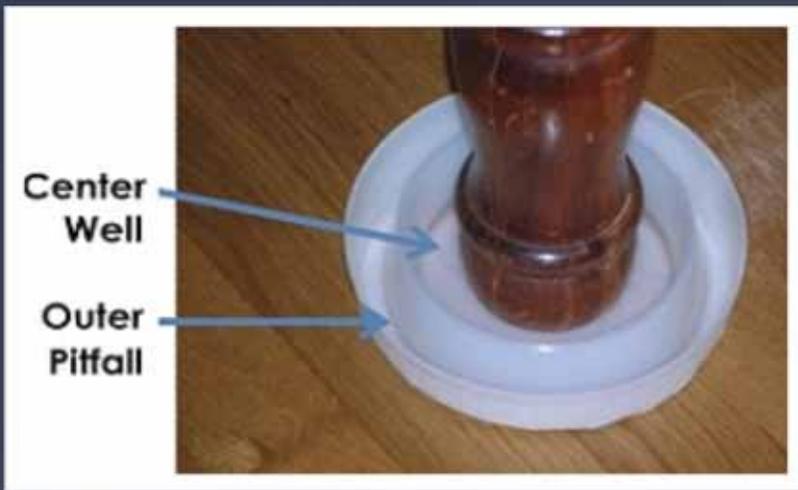
BUDGET



IPM FOR BED BUGS

- * PI: Vernard Lewis, UC Berkeley
- * \$175.9K | 2 years, 7 months
- * Where? Somewhere in California
- * Demonstrate effectiveness of nonchemical IPM approach for bed bugs:

- * Involve multifamily housing
- * Educate residents, building managers, & PMPs



BED BUGS

GOALS AND OBJECTIVES

1. Demonstrate successful nonchemical IPM
2. Show that residents can participate in management practices
3. Promote widespread adoption of nonchemical IPM
4. Encourage information exchange between entomologists & stakeholders



AUDIENCE =
PMPs, building
managers & residents;
other stakeholders

BED BUGS

OBJECTIVES → DELIVERABLES

- * Demonstrate successful IPM → determine IPM practices; develop curriculum for PMPs
- * Educate & involve residents → surveys, training
- * Outreach →
 - * Curriculum & seminars for PMPs; surveys for residents
 - * Other products: journal articles & seminars for stakeholders

BED BUGS

MANAGEMENT TEAM

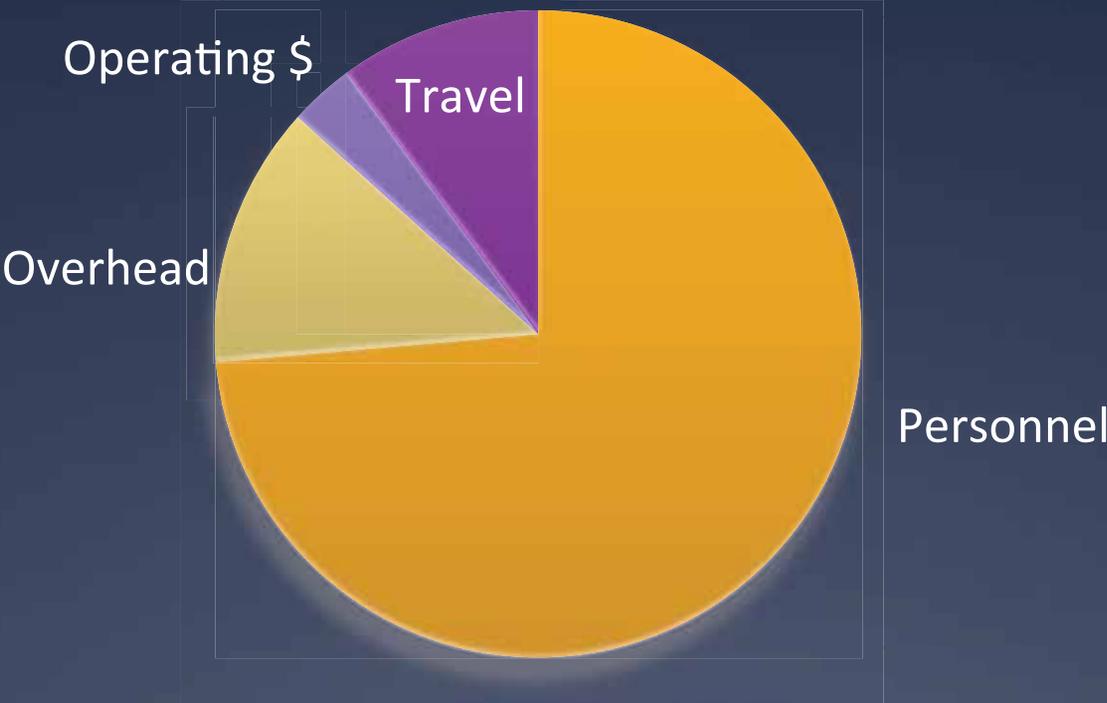
- * UC Berkeley
- * Pest control company collaborators from Sacramento & Newport Beach

PARTNERS

- * SF County Public Health
- * UC IPM
- * PCOC, NPMA
- * Target Specialty Products

BED BUGS

BUDGET



GOT ANTS?

- * PI: Athena Honore, ABAG for SF Estuary Partnership
- * \$200K | 2 years, 4 months
- * Where? SF Bay Area, Central Coast, Sacramento, Santa Monica
- * Goals: Reduce fipronil & pyrethroid use
 - * Promote least-toxic pest management
 - * Change behavior through commitments, prompts, norms, incentives, & removing barriers

GOT ANTS?

GOALS AND OBJECTIVES

- * Reduce fipronil and pyrethroids in urban runoff throughout California
- * Increase public awareness of IPM and how to manage ants
- * Reduce use of fipronil & pyrethroids by 5% (PMPs and Bay Area residents)
- * Establish basis for increased use of IPM practices

AUDIENCE
PMPs & general public

GOT ANTS?

OBJECTIVES → DELIVERABLES

- * Increase awareness of IPM for ant management → Develop marketing plan
- * Reduce PMP fipronil & pyrethroid use → Build web site, create outreach to large audience
- * Reduce Bay Area residents' use of fipronil & pyrethroids by 5% → Review sales data

GOT ANTS?

MANAGEMENT TEAM

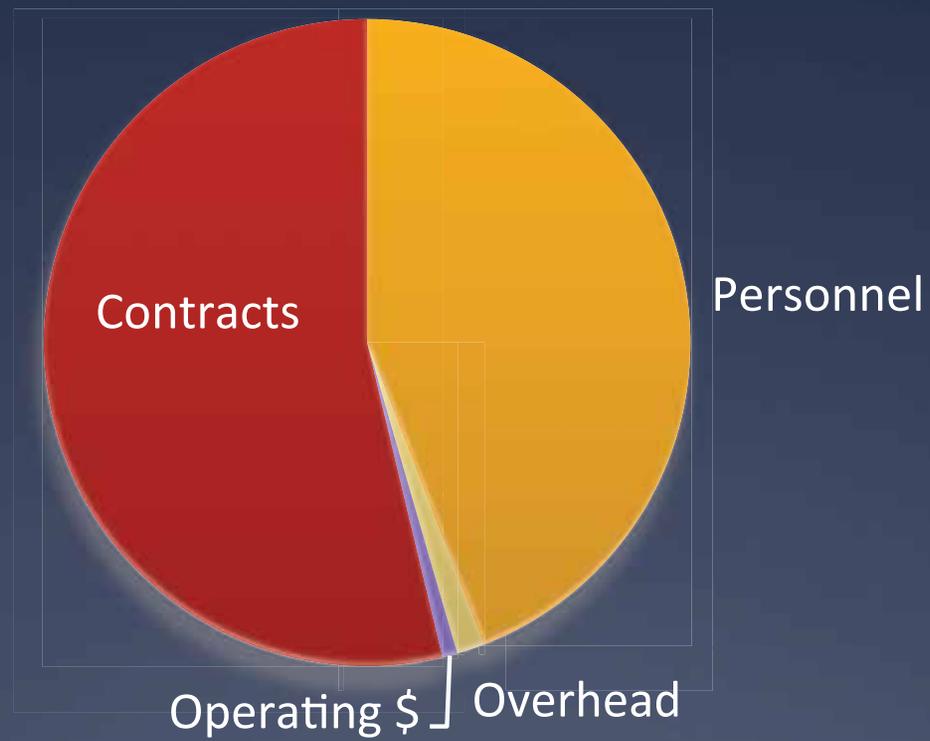
- * Stormwater associations
- * UC IPM, BIRC
- * Pollution Prevention programs
- * SF Dept. of the Environment

PARTNERS

- * Marketing firm
- * SF Bay RWQCB
- * Santa Monica Bay & Morro Bay programs

GOT ANTS?

BUDGET



GREEN CLEANING, SANITIZING AND DISINFECTING: A TOOLKIT FOR EARLY CARE AND EDUCATION (ECE)

- * PI: Vickie Leonard, UCSF
- * \$199.9K | 2 years
- * Where? California
- * Address exposure to antimicrobial pesticides (APs) in ECE; reduce AP use
 - * Promote use of hygiene practices, less-toxic AP alternatives, and new nonchemical disinfection technologies
 - * Educate ECE providers on alternative disinfection products and nonchemical practices.



GREEN CLEANING

AUDIENCE

ECE providers, parents &
child care regulators

GOALS AND OBJECTIVES

- * Develop user-friendly toolkit to reduce use of APs that pose health risks.
- * Educate ECE providers about health risks of commonly used APs and selection and proper use of safer APs
- * Implement alternative, nonchemical policies and practices that reduce spread of infectious disease to improve health & safety of children & staff.

GREEN CLEANING

OBJECTIVES → DELIVERABLES

- * Develop a user-friendly toolkit →
Educate ECE providers & parents about APs that pose health risk to children & providers, and how to reduce use
- * Outreach and partnerships →
Increase adoption of alternative, nonchemical policies and practices; improve child health and safety

GREEN CLEANING

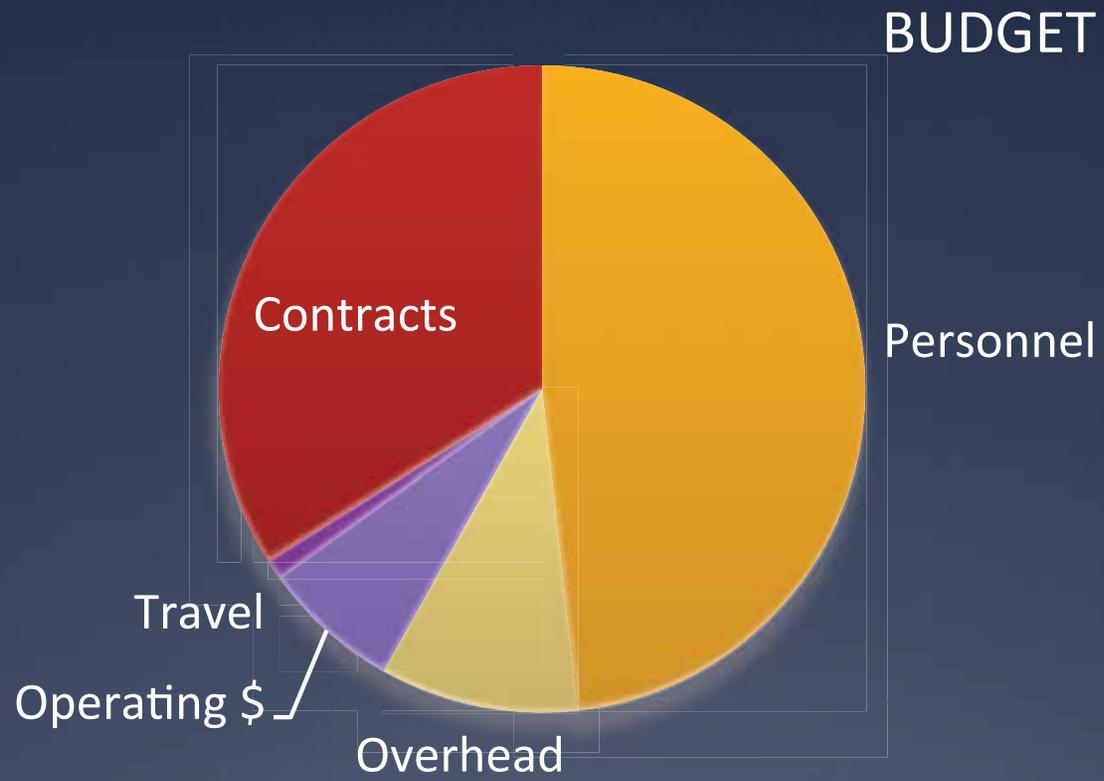
MANAGEMENT TEAM

- * UC San Francisco
- * UC Berkeley
- * National Cleaning for Healthier Schools Working Group

PARTNERS

- * California Department of Public Health
- * City & county ECE programs & services
- * County public health services

GREEN CLEANING



MONTEREY BAY GREEN GARDENERS

- * PI: Sherry Bryan, Ecology Action
- * \$75.562K | 1 year, 3 months
- * Where? Monterey Bay Area
- * Provide opportunities and financial incentives for professional landscapers & residential gardeners to implement IPM in urban areas near Monterey Bay National Marine Sanctuary

MONTEREY

GOALS AND OBJECTIVES

- * Increase hands-on IPM skill-building opportunities for 70 landscape workers
- * Recruit 100 property owners to sign Green Gardener Client Agreements promising to implement IPM practices
- * Design & install 50 gardens that meet OFG criteria

AUDIENCE

Professional landscapers
& residential gardeners

MONTEREY

OBJECTIVES → DELIVERABLES

- * Incorporate OFG sites into courses → Improved classes, bilingual signs & materials; increased IPM skills among landscape professionals.
- * Implement GG Client Agreements → 100 contracts implementing at least 5 IPM practices
- * Design & install OFG gardens → 50 OFG designs, surveys, and retrofit projects; reductions of pesticide use and runoff

MONTEREY

MANAGEMENT TEAM

- * Ecology Action
- * Surfrider Foundation
- * Landscapers' Associations (CLCA, ELA)

PARTNERS

- * Water Districts & Utilities
- * Stormwater Agencies



EcologyAction
40 Years of Environmental
& Community Leadership



MONTEREY

BUDGET

