

**MINUTES OF THE TELECONFERENCE MEETING OF THE  
STRUCTURAL PEST CONTROL BOARD  
RESEARCH ADVISORY PANEL**

The teleconference meeting was held October 25, 2016 at the following locations:

Department of Consumer Affairs, Hearing Room, 2005 Evergreen Street, Sacramento, CA 95815

Orkin Pest Control, 238 Fischer Avenue, Costa Mesa, CA 92626

Mariott Courtyard, 503 Newburg Road, Lobby, Shippensburg, PA 17257

Office of the County Executive, 2310 North First Street, Suite 106, San Jose, CA 95131

University of California Agriculture and Natural Resources, 2801 Second St., Room 135, Davis, CA 95618

**Panel Members Present:**

Nita Davidson, Chair

Pat Copps

Naresh Duggal

Mike Katz

Karey Windbiel-Rojas

**Board Staff Present:**

Susan Saylor, Executive Officer

David Skelton, Administrative Analyst

**Departmental Staff Present:**

Frederic Chan-You, Legal Counsel

**ROLL CALL / ESTABLISHMENT OF QUORUM**

Dr. Davidson called the meeting to order at 8:33 A.M. and Ms. Saylor called roll.

Panel members Davidson, Copps, Duggal, Katz, and Windbiel-Rojas were present.

Three members of the public were present at Mr. Copps' location. Dr. Niamh Quinn, University of California Cooperative Extension, Sylvia Kenmuir, Western Pest Control, and Dr. Dong-Hwan Choe, University of California Riverside.

A quorum of the Panel was established.

**PUBLIC COMMENT FOR ITEMS NOT ON THE AGENDA**

There were no public comments for items not on the agenda.

**CONSIDERATION OF TOPIC(S) FOR SOLICITING REQUEST(S) FOR PROPOSALS FOR RESEARCH CONTRACT(S) FUNDED BY THE STRUCTURAL PEST CONTROL RESEARCH FUND PURSUANT TO BUSINESS & PROFESSIONS CODE SECTION 8674(T)(3)**

Dr. Davidson asked the Panel for their suggestions on which topics will be included in the Request for Proposal (RFP) when it is prepared and released to researchers.

Mr. Copps suggested the following topics be included in the RFP when it is released –

- More effective baiting and residual pesticide treatments in the control of ants, and specifically, Argentine ants.
- Bed bug monitoring systems with a focus on the systems that are used in Europe and possibly the incorporation of pheromones that have been recently identified.
- The efficacy of orange oil in the treatment of drywood termites as compared to other methods of treatment.

Mr. Duggal suggested that the topic of creating a comprehensive integrated pest management (IPM) curriculum similar to what has been developed by the University of California be included in the RFP.

Mr. Katz suggested the following topics be included in the RFP when it is released –

- The efficacy of local drywood termite treatments, including orange oil, as compared to structural fumigants.
- Rodenticide alternatives in the practice of rodent control.

Ms. Windbiel-Rojas suggested the following topics be included in the RFP when it is released –

- The development of better detection tools for bed bugs and drywood termites.
- Alternatives to fumigation treatment for wood-destroying organisms including heat treatments, orange oil, and local pesticide injection methods.
- The development of pheromone control methods for certain pests.
- Research into the biology and potential to be invasive of new ant species that are new to California.
- Alternatives to the use of rodenticides.

- Research into whether carnivores are ingesting rodenticides directly or through the digestion of rodents that may have been exposed.
- The development of ribonucleic acid (RNA) interference techniques in pest control.

Ms. Kenmuir suggested that rodenticide education, exclusionary techniques, and the proper use of existing technologies be included in the RFP when it is released.

Dr. Choe suggested that development of better yellowjacket control methods be included in the RFP when it is released.

Mr. Copps stated that yellowjacket control is an area of pest control that impacts the industry and consumers throughout California.

Mr. Duggal stated that there is existing research that was successful in finding yellowjacket attractants and that future research should focus on how to deploy, and make readily available this technology.

Dr. Quinn stated that research is needed to determine not only how rodenticides are being ingested by predators but what the effects are once they have been ingested.

Mr. Copps stated that research into cockroach control, particularly German and Turkistan cockroaches, would be beneficial.

Ms. Windbiel-Rojas suggested research into the development of effective baiting techniques for the control of the Turkistan and other species of cockroach.

**DISCUSS AND POSSIBLY ESTABLISH CRITERIA PURSUANT TO BUSINESS AND PROFESSIONS CODE SECTION 8674(T)(3) THAT RESEARCH PROPOSALS MUST MEET FOR RECOMMENDATION TO THE BOARD**

The Panel held an extensive discussion wherein they discussed the research proposal and funding criteria to be used in the RFP when it is released.

Mr. Copps moved and Mr. Katz seconded to establish criteria that there is no minimum dollar amount required for a research proposal to be considered. Passed unanimously. (AYES: Davidson, Copps, Duggal, Katz, Windbiel-Rojas. NOES: None. ABSTENTIONS: None.)

Mr. Copps moved and Ms. Windbiel-Rojas seconded to establish criteria setting the maximum dollar amount for a research proposal at \$330,000. Passed unanimously. (AYES: Davidson, Copps, Duggal, Katz, Windbiel-Rojas. NOES: None. ABSTENTIONS: None.)

Panel Member Mike Katz departed the meeting at 10:00 A.M.

Ms. Windbiel-Rojas moved and Mr. Duggal seconded for the following language to be incorporated into the Purpose and Description section of the RFP. "Proposals should focus on the study of, and integrated pest management (IPM) for, the following structural pests—ants, bed bugs, cockroaches, drywood termites, rodents, and yellowjackets." Passed unanimously. (AYES: Davidson, Copps, Duggal, Windbiel-Rojas. NOES: None. ABSTENTIONS: None.)

Panel Member Windbiel-Rojas departed the meeting at 10:17 A.M.

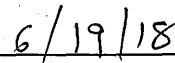
Mr. Copps moved and Mr. Duggal seconded to accept the 2010 RFP in its entirety with the following changes to the scoring criteria—Research Objectives weighted 25%, Projection Direction weighted 35%, Qualifications weighted 20%, and Budget and Budget Narrative weighted 20%, and to delegate authority to Board staff to work with the Department of Consumer Affairs contract unit to correct the Budget and Budget Narrative language and produce a new RFP. Passed unanimously. (AYES: DAVIDSON, COPPS, DUGGAL. NOES: None. ABSENTIONS: None.)

## ADJOURNMENT

The meeting was adjourned at 10:25 A.M.



Nita Davidson, Chair



Date