

# Update on CECBP Activities

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Scientific Guidance Panel Meeting

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Oakland, California

# Overview

- ◆ Funding status
- ◆ CDC grant application
- ◆ Environmental Health Tracking
- ◆ Community study
- ◆ Request for Information
  - archived samples
- ◆ Other program activities

# CECBP Funding Status

- ◆ Base level funding, 3 departments, approximately \$2 million
- ◆ Toxic Substances Control Account
- ◆ Funded state positions: 13 FTE
- ◆ In-kind contributions
  - State staff ~4 FTE
  - Fellows: Association of Public Health Laboratories; Council of State and Territorial Epidemiologists
- ◆ Workload adjustments due to state budget

# CDC Request for Application (RFA)

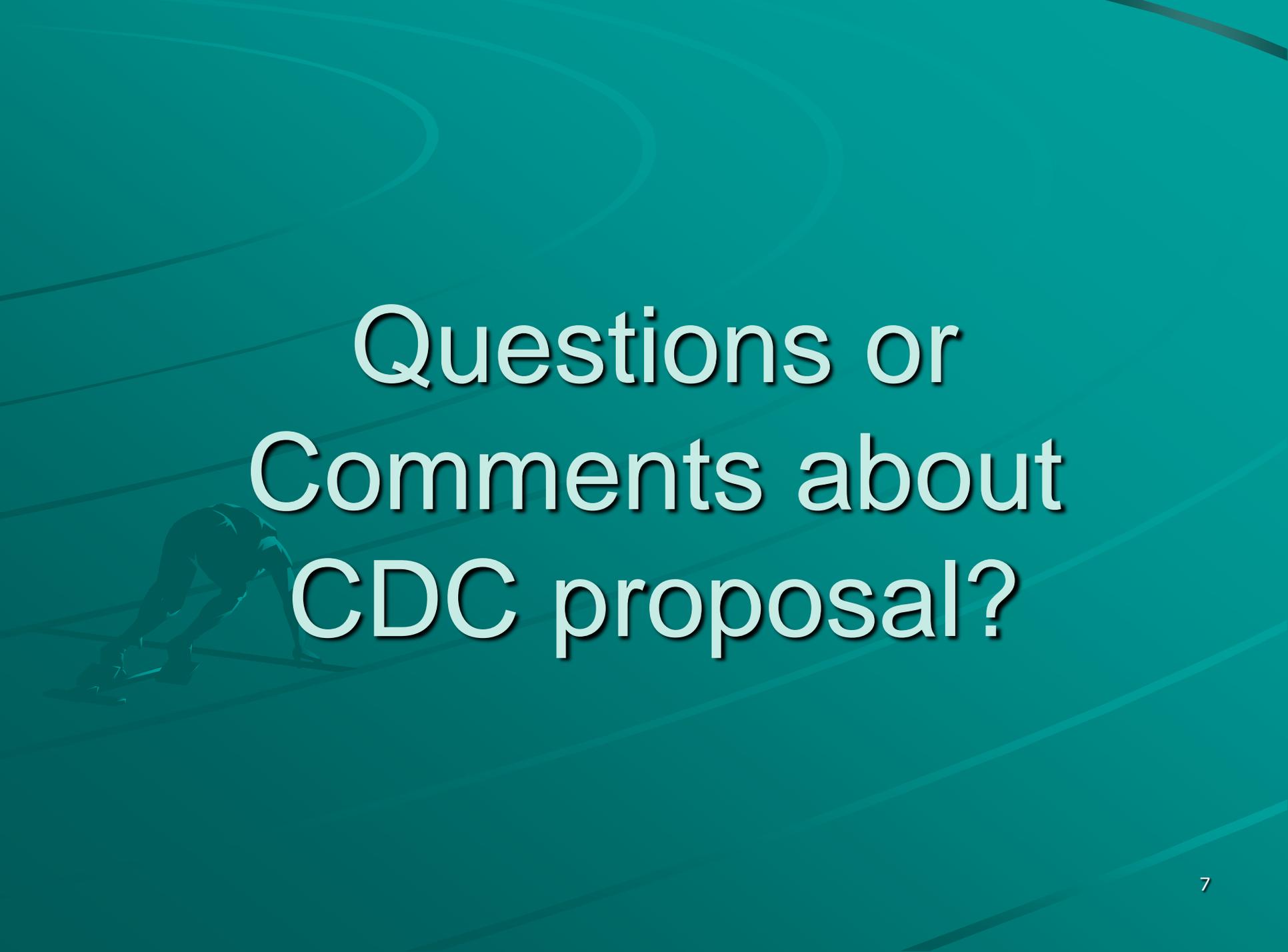
- ◆ Increase lab capability and capacity
- ◆ 5-year cooperative agreement, contingent on funding
- ◆ Requested first year budget only
- ◆ Application submitted April 2009; award date August 31, 2009

# CDC RFA—Our Proposal: Laboratory

- ◆ Additional lab equipment and staff
- ◆ Expand Laboratory Information Management System (LIMS)
- ◆ Enhance Quality Assurance/  
Quality Control
- ◆ Develop new analytical methods
- ◆ Increase number of samples analyzed
- ◆ Lab staff to be trained by CDC

# CDC RFA—Our Proposal: Sample Collection

- ◆ Collaboration with Environmental Health Tracking (required)
- ◆ Urine and blood samples to be collected from mothers, infants
- ◆ Explore feasibility of obtaining samples from existing repositories (e.g., newborn blood spots, maternal serum, Kaiser)



# Questions or Comments about CDC proposal?

# Collaboration with Environmental Health Tracking Program

## **Tulare County**

- ◆ Pesticide drift
- ◆ Analytes in urine
  - Chlorpyrifos-specific metabolite (TCP)
- ◆ 34 participants
- ◆ Monitoring
  - Urine (CDPH)
  - Air (PANNA & CDPH)
- ◆ Results Communication

## **Imperial County**

- ◆ Perchlorate water contamination
- ◆ Analytes in urine
  - Perchlorate
  - Selected metals
- ◆ 31 participants
- ◆ Monitoring
  - Urine (CDC, U of AZ, CDPH)
  - Drinking water (DTSC)
  - Locally grown produce (CDPH FDB)
- ◆ Results Communication

# Community Study – Mothers and Infants Environmental Exposure Project (MIEEP)

- ✦ Collaboration with UCSF Program on Reproductive Health and Environment and UC Berkeley School of Public Health
- ✦ Pilot study to recruit pregnant women at UCSF and San Francisco General Hospital
- ✦ Lab analyses by CDC and CECBP labs

# Potential Funding Sources

- ◆ CDC
  - Awaiting notification
- ◆ California Wellness Foundation
  - Submitted letter of intent
  - Waiting for invitation to submit proposal
- ◆ Other sources
  - Foundations
  - Government grants (EPA, NIEHS, etc.)

# “Modular” MIEEP Objectives

## Funding Affects Scope of Project

- 1) Measure and compare levels of chemicals in pregnant women and their infants
- 2) Identify sources of exposure to a subset of chemicals
- 3) Develop and test an approach to informing and educating participants about their results

# Other Possible Collaborations

- ◆ Kaiser Division of Research --  
Research Program on Genes,  
Environment and Health (RPGEH)
  - Biospecimen collection from 500,000  
members in Northern, Central California
  - Includes GIS database, questionnaires,  
medical records
  - Included in CDC Proposal

# Other Collaborations:

## Request for Information (RFI) Projects

- ◆ RFI issued to researchers about available California biospecimens
- ◆ Continued discussions with researchers at Columbia University, UC Berkeley, and UC Davis
  - Developing MOUs with researchers
- ◆ Labs will analyze specimens beginning Fall 2009

# Ongoing Program Efforts

- ◆ Seek additional funding
- ◆ Continue development of field data collection instruments, outreach plan
- ◆ Continue lab method development
- ◆ Initiate sample analysis

# Additional CECBP Activities

## ◆ Article for “Perspectives”

- Collaboration with UCB Health Research for Action
- Designed to inform the public about biomonitoring in general and CECBP

## ◆ Progress Report to the Legislature

- Required by enabling legislation
- Due January 1, 2010
- Will be available to the public

# Summary

- ◆ Awaiting funding decisions
- ◆ In discussions with Kaiser and others for access to stored biological samples
- ◆ Continuing to provide support to Environmental Health Tracking Program
- ◆ Continuing to develop materials for community study
- ◆ Expand laboratory capability
- ◆ “Perspectives” issue on biomonitoring
- ◆ Legislative report

# What to Expect at the Next Scientific Guidance Panel Meeting

- ◆ Success of CDC grant application
- ◆ Invitation from Wellness Foundation to submit grant proposal
- ◆ More information about community studies and collaborative efforts

# Questions?

