



Program Update

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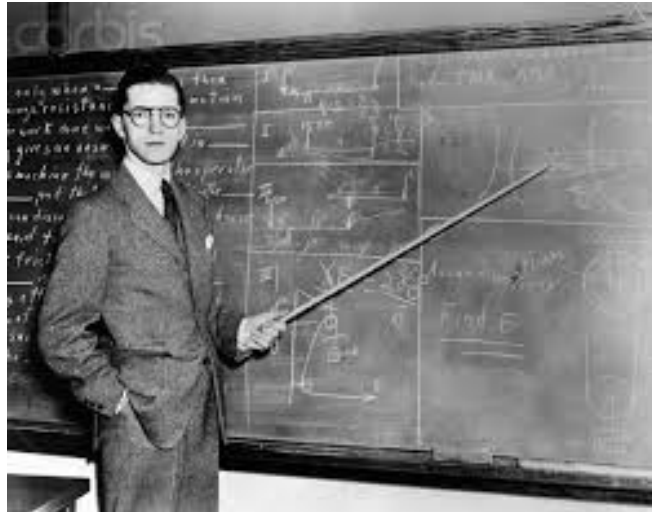
California Department of Public Health

Scientific Guidance Panel Meeting

March 13, 2015 - Oakland, CA

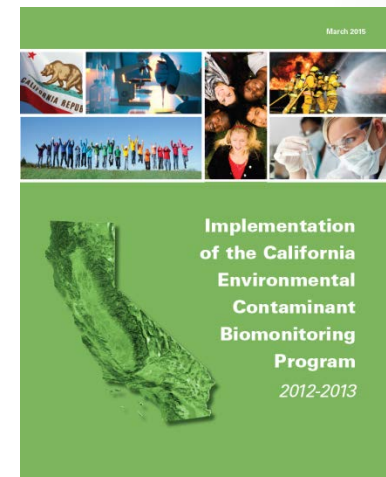
Outline

- **Program Announcements**
- **Ongoing Biomonitoring Projects Update**
- **Program Priorities**



Program Announcements

- **Program Funding**
 - ✓ Permanent State funds (~\$2.2 million/year)
 - ✓ Temporary State funds
 - \$0.7 million/year through FY 2015-16
 - Proposed \$1.5 million/year through FY 2016-17
 - ✓ CDC Grant: \$1 million/year through FFY 2019
- **Legislative Report**
 - ✓ Released and posted to the website on March 10
http://biomonitoring.ca.gov/sites/default/files/downloads/CECBP-Third_Report_to_Legislature.pdf
 - ✓ Briefing of the Legislature scheduled for March 19



Project Updates

- **Pilot BEST**

- ✓ Data analyses (metals, PFCs, PBDEs, and perchlorate)
- ✓ Evaluation of results return underway
- ✓ Posting results on the website

- **Expanded BEST**

- ✓ Analyzed and returned 1st set of chemicals
- ✓ Analyzing 2nd set of chemicals
- ✓ Data analyses (metals in blood & urine and PFCs)



Project Updates (2)

- MAMAS (previously “GDSP”)
 - ✓ New name: **M**easuring **A**nalytes in **M**aternal **A**rchived **S**amples
 - ✓ First 460 samples received from Genetic Disease Screening Program in November
 - ✓ Metals (200), PFCs (200), and POPs (60) results will be available in March 2015
 - ✓ 540 more samples will be obtained this year



Program Vision



In five years, as a result of our actions, Biomonitoring California ...

- ✓ is sustainable;
- ✓ has a stable, responsive, coordinated, and flexible laboratory infrastructure;
- ✓ has a robust system in place to detect and track unknown exposures;
- ✓ is informing regulatory and public health action/ intervention through its findings;
- ✓ is raising awareness of environmental health equity;
- ✓ is recognized as an essential public health function.

Priority Initiatives



- **Statewide Representative Sampling**
E.g., MAMAS, Teachers, BEST ...
- **Biomonitoring Intervention Study**
Measuring exposure to chemicals before and after an intervention
- **Consumer Product Biomonitoring Case Study**
Measuring exposure to chemicals found in commonly used consumer products
- **Environmental Justice Project**
Combining CalEnviroScreen exposure data with biomonitoring results
- **Biomonitoring Health Care Trainees**
Measuring exposures while educating future health care providers

Priority Initiatives (2)

- **Method Development**
 - ✓ Expanded metals panel
 - ✓ OP flame retardants
 - ✓ BPA analogs
 - ✓ Expansion of phthalates panel
 - ✓ Phthalate substitutes (e.g., DINCH)
 - ✓ Fragrance (e.g., musk)
 - ✓ Targeted unknown screening



Other Program Priorities

- **CDC Cooperative Agreement**
- **Environmental Justice Context**
- **Expand Outreach**
 - ✓ Tell stories that inform public action
 - ✓ Reach more audiences (e.g., environmental and regulatory agencies, engage public)
- **Materials Development**
 - ✓ Website
 - ✓ Results return packets
- **Index of Methods and Panels**
- **Identify New Collaboration Opportunities**

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