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Biomonitoring California Scientific Guidance Panel Meeting

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PROGRAM UPDATE



PROGRAM PRIORITIES FOR 2016 AND BEYOND

- ▶ Statewide Surveillance
- ▶ Chemicals in Consumer Products
- ▶ Interventions
- ▶ Biomonitoring & Environmental Justice
- ▶ Biomonitoring Children
- ▶ Advance Biomonitoring Science

“We are the Chemical Detectives”

PROGRAM PRIORITIES FOR 2016 AND BEYOND (2)

Statewide Surveillance

- ▶ *One of our primary mandates*
- ▶ *Continue with current studies (BEST, MAMAS)*
- ▶ *Consider future study design*
 - *Potential to incorporate a nested intervention*
 - *Children's exposure*
 - *Couple with environmental monitoring*

PROGRAM PRIORITIES FOR 2016 AND BEYOND (3)

Chemicals in Consumer Products

- ▶ *Measuring exposure to chemicals found in commonly used consumer products*
- ▶ *FREES is a pilot study for testing feasibility*
- ▶ *Can inform the Safer Consumer Product program in DTSC*

PROGRAM PRIORITIES FOR 2016 AND BEYOND (4)

Interventions

- ▶ *Measuring exposure to chemicals before and after an intervention*
- ▶ *HERMOSA is the prototypical study*
- ▶ *Can inform the Safer Consumer Product program in DTSC*

PROGRAM PRIORITIES FOR 2016 AND BEYOND (5)

Biomonitoring & Environmental Justice

- ▶ *Involve communities*
- ▶ *Incorporate environmental justice principles into our planning*
- ▶ *Continue with current study (ACE)*
- ▶ *Use data from CalEnviroScreen, Environmental Health Tracking*

PROGRAM PRIORITIES FOR 2016 AND BEYOND (6)

Biomonitoring Children

- ▶ *Measuring exposures in the most vulnerable population*
- ▶ *Can be a component of any of our priority work*
- ▶ *First step might be a small pilot study*

PROGRAM PRIORITIES FOR 2016 AND BEYOND (7)

Advance Biomonitoring Science

- ▶ *Develop methods and techniques to capture current and future chemical pollutants*
- ▶ *Expand panels to include emerging chemicals*
- ▶ *Target/screen unknown chemicals*

ONGOING CHALLENGES

- ▶ **Program funding**
 - Current budget
 - CDC funding
 - Our budget plan for the optimal Program
- ▶ **Staffing**
 - Recruiting
 - Retaining
- ▶ **Collaboration**
- ▶ **Communication**
- ▶ **Translating Results into Action**

BIOMONITORING STAFF

Jeffrey Aduviso	Wendy Duong	Ying Li	Heng Wang
Josephine Alvaran	Laura Fenster	June-Soo Park	Miaomiao Wang
Hyoung Gee Baek	Jeff Fowles	Myrto Petreas	Yunzhu Wang
Paramjit Behniwal	Ryszard Gajek	Sissy Petropoulou	Berna Watson
Reber Brown	Qi Gavin	Laurel Plummer	Nerissa Wu
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Key-Young Choe	Arthur Holden	Jianwen She	Astrid Zamora
Robin Christensen	Sara Hoover	Martin Snider	Rana Zahedi
Sabrina Crispo-Smith	Lauren Joe	Dan Sultana	Su Zhang
Amy Dunn	Duyen Kauffman	Robert Voss	Jun Qiang Zhou
	Gail Krowech	Jed Waldman	Wei Zou

