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1 AMENDMENT TO HOUSE BILL 680

2 AMENDMENT NO. \_\_\_\_\_. Amend House Bill 680 by replacing  
3 everything after the enacting clause with the following:

4 "Section 1. Short title. This Act may be cited as the  
5 Biomonitoring Safety Net Act.

6 Section 5. Findings and purposes.

7 (a) The General Assembly finds all of the following:

8 (1) An estimated 100,000 chemicals are registered for  
9 use today in the United States. Another 2,000 chemicals are  
10 added each year.

11 (2) Some toxicological screening data exists for only  
12 7% to 10% of these chemicals. More than 90% of these  
13 chemicals have never been tested for their effects on human  
14 health. Large numbers of these chemicals are found in  
15 cosmetics, personal care products, pesticides, food dyes,  
16 cleaning products, fuels, and plastics.

1           (3) As a result, people are exposed to chemicals daily.  
2           Many of these chemicals persist in the environment or  
3           accumulate and remain in body fat and have been shown to be  
4           toxic.

5           (4) The Centers for Disease Control and Prevention has  
6           documented the presence of 148 environmental chemicals in  
7           the blood and urine of Americans of all ages and races.

8           (b) The purposes of this Act are as follows:

9           (1) for the University of Illinois at Chicago, the  
10           Great Lakes Center for Occupational and Environmental  
11           Safety and Health, to conduct an environmental contaminant  
12           biomonitoring feasibility study that proposes the best way  
13           to monitor the presence and concentration of designated  
14           chemicals in the bodies of the people of this State;

15           (2) to produce biomonitoring studies that provide data  
16           helping scientists, researchers, public health personnel,  
17           and community members explore linkages between chemical  
18           exposure and health concerns; and

19           (3) to support Illinois public health by establishing  
20           trends in chemical exposures, validating modeling and  
21           survey methods, supporting epidemiological studies,  
22           identifying highly exposed communities, addressing the  
23           data gaps between chemical exposures and specific health  
24           outcomes, informing health responses to unanticipated  
25           emergency exposures, assessing the effectiveness of  
26           current regulations, and setting priorities for reform.

1 Section 10. Definitions. As used in this Act:

2 "Agency" means the Illinois Environmental Protection  
3 Agency.

4 "Department" means the Department of Public Health.

5 "Program" means the Environmental Contaminant  
6 Biomonitoring Program.

7 Section 15. Scientific Guidance Panel. In implementing the  
8 Program, the Department and the Agency shall establish a  
9 Scientific Guidance Panel. The Directors of the Department and  
10 the Agency shall appoint the members of the Panel. The Panel  
11 shall be composed of 11 members, whose expertise shall  
12 encompass the disciplines of public health, epidemiology,  
13 biostatistics, environmental medicine, risk analysis, exposure  
14 assessment, developmental biology, laboratory sciences,  
15 bioethics, maternal and child health with a specialty in  
16 breastfeeding, and toxicology. Members shall be appointed for  
17 2-year terms. Members may be reappointed for additional terms  
18 without limitation. Members shall serve until their successors  
19 are appointed and have qualified. Vacancies shall be filled in  
20 the same manner as the original appointments, and any member so  
21 appointed shall serve during the remainder of the term for  
22 which the vacancy occurred. The Panel shall meet, at a minimum,  
23 3 times per year. The Agency shall be responsible for staffing  
24 and administration of the Panel. Members of the Panel shall be

1 reimbursed for travel and other necessary expenses incurred in  
2 the performance of their duties under this Act, but shall not  
3 receive a salary or compensation.

4 The Panel shall provide guidance to the University of  
5 Illinois at Chicago, the Great Lakes Center for Occupational  
6 and Environmental Safety and Health, and make recommendations  
7 regarding the design and implementation of the feasibility  
8 study, including specific recommendations for chemicals that  
9 are priorities for biomonitoring. The Panel shall recommend  
10 priority chemicals for inclusion in the Program using all of  
11 the following criteria:

12 (1) The degree of potential exposure to the public or  
13 specific subgroups, including, but not limited to, certain  
14 occupations.

15 (2) The likelihood of a chemical being a carcinogen or  
16 toxicant based on peer-reviewed health data, its chemical  
17 structure, or the toxicology of chemically related  
18 compounds.

19 (3) The limits of laboratory detection for the  
20 chemical, including the ability to detect the chemical at  
21 levels low enough to be expected in the general population.

22 (4) Any other criteria the Panel deems significant.

23 The Panel may recommend additional designated chemicals  
24 not included in the National Report on Human Exposure to  
25 Environmental Chemicals for inclusion in the Program using all  
26 of the following criteria:

1           (A) Exposure or potential exposure to the public or  
2           specific subgroups.

3           (B) The known or suspected health effects resulting  
4           from some level of exposure based on peer-reviewed  
5           scientific studies.

6           (C) The need to assess the efficacy of public health  
7           actions to reduce exposure to a chemical.

8           Section 20. Feasibility study report. Two years after the  
9           effective date of this Act, the University of Illinois at  
10          Chicago, the Great Lakes Center for Occupational and  
11          Environmental Safety and Health, shall submit a report to the  
12          Governor and the General Assembly containing findings of the  
13          feasibility study and shall include in the report recommended  
14          activities and estimated costs of establishing an Illinois  
15          Environmental Contaminant Biomonitoring Program.".