



*Matthew Rodriguez*  
Secretary for  
Environmental Protection



## Department of Toxic Substances Control

---

Barbara A. Lee, Director  
1001 "I" Street  
P.O. Box 806  
Sacramento, California 95812-0806



*Edmund G. Brown Jr.*  
Governor

November 24, 2015

### SOLICITATION FOR GREEN RIBBON SCIENCE PANEL MEMBERS

The Department of Toxic Substances Control (Department) is seeking persons interested in participating as members of its Green Ribbon Science Panel (Panel). The Panel provides advice and acts as a resource to the Department's Director and to the California Environmental Policy Council on a variety of scientific and technical matters related to developing green chemistry and chemicals policy recommendations and implementation strategies. The expertise and input of the Panel has informed the development and implementation of the Safer Consumer Product (SCP) regulations.

Panel duties and expertise were established in statute via AB 1879.\* The Department is seeking individuals with practical experience in alternatives assessment, exposure science, manufacturing processes, and chemical impacts on human health and the environment to serve on the Panel and provide advice and recommendations on topics regarding scientific and technical aspects as the program is being implemented. In light of current vacancies on the Panel, the Department is especially interested in candidates with knowledge of workplace chemical hazards and occupational health and those with expertise in chemicals in commerce (e.g., chemicals production, chemicals synthesis, manufacturing processes, product design or formulation).

The Panel will have a wide range of discussion topics based on the needs of the Department. Among other topics, the Panel will provide advice and input on the Department's Alternatives Analysis Guide. The Guide provides information and resources for the Alternatives Analysis process established in the SCP regulations. It also relates established alternatives assessment tools and practices to the California requirements. The Panel will also provide advice on the implementation of the 2015-17 Priority Products Work Plan. Over the next three years, the Department will select Priority Products from the product categories described in the Work Plan. DTSC will use policy priorities along with science-based screening approaches and prioritization criteria to identify potential future Priority Products. The Department seeks the Panel's review on these approaches and criteria to ensure a robust scientific foundation for its decision making process.

If you are interested in serving on the Green Ribbon Science Panel, please fill out the attached application and email to Ms. Corey Yep at [corey.yep@dtsc.ca.gov](mailto:corey.yep@dtsc.ca.gov) or mail to:

Ms. Corey Yep  
Department of Toxic Substances Control  
P.O. Box 806, MS 12A  
Sacramento, California 95812-0806

The final filing date is **January 15, 2016**.

Questions may be directed to Ms. Corey Yep at [corey.yep@dtsc.ca.gov](mailto:corey.yep@dtsc.ca.gov). Thank you for your time and consideration.

Sincerely,



Barbara A. Lee  
Director

#### Attachment

\* Green Ribbon Science Panel Duties (reference: Section 25255, Health and Safety Code):

- Advising DTSC and the Environmental Policy Council on scientific and technical matters in support of significantly reducing adverse health and environmental impacts of chemicals used in commerce, as well as the overall costs of those impacts to the state's society, by encouraging the redesign of consumer products, manufacturing processes, and approaches.
- Assisting DTSC in developing green chemistry and chemicals policy recommendations and implementation strategies and details, and ensuring these recommendations are based on a strong scientific foundation.
- Advising DTSC and making recommendations for chemicals and the Panel views as priorities for which hazard traits and toxicological end-point data should be collected.
- Advising DTSC on any other pertinent matter in implementation of Article 14, Green Chemistry, as determined by DTSC.

By law, Panel members represent the following disciplines (reference: Section 25254, Health and Safety Code):

Chemistry  
Environmental law  
Public policy  
Cleaner production methods  
Public health  
Materials science  
Chemical synthesis  
Maternal and child health

Chemical engineering  
Toxicology  
Pollution prevention  
Environmental health  
Risk analysis  
Nanotechnology  
Research

## Attachment 1

Department of Toxic Substances Control  
**GREEN RIBBON SCIENCE PANEL**  
**MEMBERSHIP SOLICITATION**

Thank you for your interest in serving on the Department of Toxic Substances Control's (DTSC) Green Ribbon Science Panel (GRSP or Panel). Application must be received by e-mail or be postmarked no later than **January 15, 2016**.

Please e-mail or mail your completed application package to Ms. Corey Yep at the following addresses:

**E-mail:**

[corey.yep@dtsc.ca.gov](mailto:corey.yep@dtsc.ca.gov)

**Mailing address:**

Ms. Corey Yep  
Department of Toxic Substances Control  
P.O. Box 806, MS 12A  
Sacramento, California 95812-0806

**Overnight mailing address:**

Ms. Corey Yep  
Department of Toxic Substances Control  
1001 "I" Street, MS 12A  
Sacramento, California 95812-0806

For additional information, please contact Ms. Corey Yep at [corey.yep@dtsc.ca.gov](mailto:corey.yep@dtsc.ca.gov).

To be considered for appointment to the Panel, your application package must include the following items:

1. A cover letter describing the reasons for your interest in serving on this Panel and your experience in: (1) public health and environmental impacts of chemicals used in commerce and/or in consumer products, (2) redesigning consumer products, (3) manufacturing process and supply chains, (4) alternatives assessments, alternative analysis, or life cycle assessments, and (5) other experience or expertise that will contribute to the Panel.
2. A copy of your resume or curriculum vitae.
3. A completed application form (Attachment 2).
4. Four references with direct familiarity with your professional work. Please include name, affiliation, and telephone number.

## Attachment 2

### Green Ribbon Science Panel Membership APPLICATION FORM

(If you have difficulties with this form, use the [MS-Word version](#))

<b>Section 1: Contact Information</b>	
First Name:	Last Name:
Title:	
Current Affiliation:	
Mailing Address:	
Day Telephone:	Alternate Day Telephone:
E-mail Address:	Fax:
<b>Section 2: Professional Affiliations and Experience</b>	
Please attach curriculum vitae	
<b>Section 3: References</b>	
Include name, title, affiliation, telephone number and e-mail address of four references with direct familiarity with your work.	
1.	
2.	
3.	
4.	
<b>Section 4: Term</b>	
Panel members are appointed by and serve at the discretion of the Director of the Department of Toxic Substances Control. Panel members are appointed on a staggered basis and will serve for a period of three years and may be reappointed on an unlimited basis. DTSC plans to maximize the use of conference calls and internet-based resources for conducting meetings. Meetings will be conducted at the request of the Director or the Director's Designee. GRSP meetings are subject to the <a href="#">Bagley-Keene Open Meeting Act</a> .	

### Attachment 3

<p>Department of Toxic Substances Control (DTSC) <b>Green Ribbon Science Panel</b> <b>MEMBER SELECTION CRITERIA</b></p>
<p><b>Purpose</b></p> <p>The DTSC Green Ribbon Science Panel (GRSP or Panel) provides advice and acts as a resource to the Director of the Department of Toxic Substances Control and the California Environmental Policy Council pursuant to section 25255 of the Health and Safety Code. Panel members are appointed to three-year terms on a staggered basis and may be reappointed with no limitations.</p>
<p><b>Background</b></p> <p>In 2008 the California Assembly passed Assembly Bill No. 1879 calling for a framework to adopt and encourage the use green chemistry approaches in California. The GRSP will help DTSC implement the provisions of Article 14, Green Chemistry, of the Health and Safety Code. GRSP meetings are open to the public and are subject to the Bagley-Keene Open Meeting Act.</p> <p>Among other responsibilities, the panel was formed to</p> <ul style="list-style-type: none"><li>• Assist DTSC in developing green chemistry and chemicals policy recommendations and implementation strategies and details, and ensure these recommendations are based on a strong scientific foundation.</li><li>• Advise DTSC on any other pertinent matter in implementation of Article 14, Green Chemistry, as determined by DTSC.</li></ul> <p>Membership on the GRSP will require a significant time commitment from Panel members. The GRSP will meet a minimum of two times annually, but may schedule additional meetings as needed. DTSC uses internet-based resources for conducting meetings when possible. Panel members serve on a volunteer basis.</p> <p><a href="https://www.dtsc.ca.gov/SCP/upload/Doc1_GRSPOperationalGuidelines.pdf">Operational guidelines</a> for the panel are available online: <a href="https://www.dtsc.ca.gov/SCP/upload/Doc1_GRSPOperationalGuidelines.pdf">https://www.dtsc.ca.gov/SCP/upload/Doc1_GRSPOperationalGuidelines.pdf</a></p> <p>Bagley-Keene Open Meeting Act information: <a href="https://www.dtsc.ca.gov/SCP/upload/Doc6_bagleykeene2004_ada.pdf">https://www.dtsc.ca.gov/SCP/upload/Doc6_bagleykeene2004_ada.pdf</a>.</p>
<p><b>Duties</b></p> <p>The Safer Consumer Products Regulations were adopted to implement the requirements of AB 1879 and the Green Chemistry Initiative policy recommendation #5 to accelerate the quest for safer products*. The SCP regulations establish a four-step, science-based iterative process to identify safer product alternatives for consumers:</p> <ol style="list-style-type: none"><li>1. Chemicals – The regulations establish a list of approximately 2,000 Candidate Chemicals based on the work of other authoritative organizations.</li><li>2. Products – DTSC evaluates and prioritizes product/candidate chemical combinations to develop a list of Priority Products that require Alternatives Analyses. DTSC adopts Priority Products via rulemaking.</li><li>3. Alternatives Analysis – The regulations require responsible entities (manufacturers, importers, assemblers, and retailers) to notify DTSC when their product is listed as a Priority Product and to perform an Alternatives Analysis (AA) for the product to determine how best to limit exposures to, or reduce the level of adverse public health and environmental impacts posed by, the hazardous chemicals in the Priority Product.</li></ol>

### Attachment 3

4. Regulatory Responses – The regulations require DTSC to identify and implement regulatory responses designed to protect public health or the environment, and maximize the use of acceptable and feasible alternatives of least concern.

The GRSP provides advice and review on the scientific and technical aspects of implementing these regulations. Panel members share perspectives on how best to implement the regulations in a practical, meaningful, and legally defensible manner.

Duties include:

- Advice and review of tools, data sources, and methodologies for the prioritization of products for possible regulation.
- Advice and review of department-issued guidance for regulated entities on performing Alternatives Analyses.
- Identification of tools and methods to be used by Alternatives Analysis practitioners.

Panel members will be called upon to recommend sound scientific approaches to meet the department's policy objectives. Panel members help to make the department aware of emerging science relevant to the Safer Consumer Products regulations including advances in green chemistry.

#### **Composition**

By law, Panel members represent the following disciplines:

Chemistry	Chemical engineering
Environmental law	Toxicology
Public policy	Pollution prevention
Cleaner production methods	Environmental health
Public health	Risk analysis
Materials science	Nanotechnology
Chemical synthesis	Research
Maternal and child health	

#### **Desirable Skills and Experience**

- (1) At this time, given the expertise of seated Panel members, experience related to chemicals in commerce including manufacturing processes, product design, development, or formulation is preferred. Expertise in workplace chemical hazards and occupational health is desirable.
- (2) Experience serving on scientific and environmental policy advisory panels.
- (3) Excellent collaborative problem-solving skills and communication skills. Ability to work and communicate well with others is essential.

---

\* Green Chemistry Policy Recommendations #5: Accelerate the Quest for Safer Products. Create a systematic, science-based process to evaluate chemicals of concern and alternatives to ensure product safety and reduce or eliminate the need for chemical by chemical bans.