

# American Chemical Society

## Call for Papers

### Drinking Water Chemistry: Disease Prevention and Health Promotion

Sponsored by the Division of Environmental Chemistry  
240th American Chemical Society (ACS) National Meeting & Exposition  
Boston, Massachusetts  
August 22-26, 2010  
Abstract Deadline: **March 22, 2010**

Although the role of treated drinking water in promoting public health and preventing pathogenic diseases was established in the early 20<sup>th</sup> century, in the early 21<sup>st</sup> century we are still expanding our understanding of the interplay between drinking water chemistry and disease prevention and health promotion. Recent developments include the role of aqueous trace metals promoting oral lipid oxidation and metallic flavor (which is a quality of life issue for cancer patients), the role of drinking water in controlling diabetes and obesity, interactions of disinfectants-water infrastructure-pathogens in controlling or enhancing bacterial populations, and lead poisoning from drinking water. This symposia focus will be on recent developments and emerging topics for the role of CHEMISTRY in distributed drinking water, public health, and disease prevention.

Topics that would be covered in this session include, but are not limited to:

- disinfectants in control of pathogens
- drinking water and health
- quality of life/aesthetic/sensory issues associated with drinking water
- inorganic contaminants (*e.g.*, Pb, Cu, As, Ni, Mn)
- drinking water chemistry
- effects of distribution system materials on water chemistry and pathogens

Please submit your abstracts using (<http://abstracts.acs.org>).

Any other inquiries should be directed to the Symposium Organizers:

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