



American Society for Quality ([www.asq.org](http://www.asq.org)) – Washington DC and Maryland Metro, Section 509 ([www.asq509.org](http://www.asq509.org))

Biomed/Biotech Special Interest Group (SIG) Meeting  
(<http://www.asq509.org/ht/d/sp/i/31557/pid/31557>)

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## “National Environmental Policy Act (NEPA) And Environmental Impacts of Tobacco Products”

To be presented by

**Hoshing Chang, PhD**

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Chief

Environmental Science Branch

Division of Nonclinical Science, Office of Science

Center for Tobacco Products, US FDA

**Tuesday, August 21, 2018**

**Venue:** 9366 Gaither Rd. “1<sup>st</sup> Floor Music Room”, Gaithersburg, MD 20877 (CCACC)

6:00 – 6:20 PM – Networking; Pizza/drink

6:20 – 8:50 PM – Program

8:50 – 9:00 PM – Door-prizes drawing; Networking

**Online Registration site:** <http://www.asq509.org/ht/d/DoSurvey/i/35817>

**Open to Public** –

**\$5:** [non-ASQ members](#) to cover pizza/drink cost;

**Free:** ASQ members, current job-seekers, CCACC volunteers/employees/members, veterans, senior citizens, past speakers, US PHS Commissioned Corp officers, teachers, students, interns, residents, postdocs, FDA Commissioner’s Fellows, MJ-DC members, NTUAADC members, CAPA members, NTMUADC members, CKUAADC members, NTHUAADC members, NJTUAADC members, FAPAC members, CBA members, AAGEN members, NCARSQA members, OCA-DC members, AAMB members, ACAP members, DC Leaders Club members, BioTrain volunteers, and all Tai-Chi classes students in the Metropolitan Washington DC.

**Registration Deadline:** Please register by **Tuesday noon, August 21, 2018.**

**Question:** Please contact Dr. C.J. George Chang, Chair of Biomed/Biotech SIG, ASQ509; [gchang2008@yahoo.com](mailto:gchang2008@yahoo.com) or 240-793-8425 (cell).

**Driving directions: By Cars:** From I-270 (N or S bound): Take Exit 8 onto Shady Grove Dr. Drive toward east and turn left onto Gaither Rd. The building is on your left after passing a stop sign.

**By Metro rail:** Exit at the Red Line Shady Grove Station.

## Summary

On, 1969, President Nixon signed National Environmental Policy Act (NEPA) into Law. All Federal agencies are required to prepare environmental analysis for their actions. On June 22, 2009, President Obama signed the Family Smoking Prevention and Tobacco Control Act (TCA) into law. The law grants the US Food and Drug Administration (FDA) new authority to regulate manufacture, marketing, and distribution of tobacco products to protect the public health and to reduce tobacco use by minors.

Under TCA, FDA evaluates tobacco product applications and makes marketing order decisions. Under NEPA, FDA evaluates the environmental impacts of the tobacco products related to the marketing orders. This presentation focuses on (1) basic NEPA concepts including the NEPA principles and process; and (2) environmental impacts of tobacco products included in FDA's NEPA documents.

## Speaker

Dr. Hoshing Chang is the **Chief** of the Environmental Science Branch in



Division of Nonclinical Science, Office of Science in Center for Tobacco Products (CTP), US Food and Drug Administration (FDA). She holds a Ph.D. in Biochemistry, a M.Sc. in Environmental Science from University of Maryland, College Park, and a B.Sc. in Microbiology from Soochow University, Taiwan, ROC.

Dr. Chang prepares and evaluates Environmental Assessments (EAs) associated with CTP's actions to regulate tobacco products since 2011. She is responsible for technical and procedural matters dealing with compliance with NEPA (National Environmental Policy Act). Prior to CTP, she evaluated EAs associated with actions to regulate food at Center for Food Safety and Applied Nutrition (FDA) from 2008 until 2011.

Prior to FDA, she was a **postdoctoral research scientist** at National Institutes of Health, an **adjunct lecturer** in two institutes in the University System of Maryland, and a full-time-home mom.

This event is cosponsored by Chinese Culture and Community Service Center, Inc. (CCACC, [www.ccacc-dc.org](http://www.ccacc-dc.org)), NTU Alumni Association DC Chapter ([www.ntuaadc.org](http://www.ntuaadc.org)), and Chinese American Professionals Association of Metropolitan Washington, DC ([www.capadc.org](http://www.capadc.org)).

