

**From:** Leticia Colmenares <leticia@hawaii.edu>  
**Subject:** **WCC Community Forum in Chemistry**  
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The next chemistry forum will be at 1:30-2:30 pm, Tuesday, Feb 16, 2010 at Imiloa 111 (WCC Campus). Please come.

## **Chemical Terrorism: Lessons Learned from a Tactical Perspective**

**By Lt. Col. Stewart Taylor**

How do terrorists use chemical agents to achieve their goals? Despite the relative ease in acquiring and producing chemical agents, why are there very few successful cases of chemical terrorism? What are some of the challenges and limitations that terrorists encounter when planning the use of chemical agents? These are only some of the questions that the presentation will attempt to address. The presentation will also discuss (1) cases of toxic chemical releases due to negligence and their drastic effect on communities, and, (2) some of the danger that we live through everyday that terrorists could exploit.

Lieutenant Colonel Stewart Taylor's area of interest lies in the field of Chemical, Biological, Radiation, Nuclear and Explosives (CBRN-E). LTC Taylor has served around the world in multiple combat areas and with the Department of Defense (DOD) special response units. His duties include being Commander of the Defense Threat Reduction Agency (DTRA) Weapons of Mass Destruction Disablement Team (Iraq) where he was part of the Iraqi Survey Group (ISG) which conducted Sensitive Site Exploitations (SSE) on WMD facilities; Commander of the Delta Company, U.S. Army Technical Escort Unit (Washington, D.C.) which is the first response unit for national WMD incidents; Commander, 71st Chemical Company (Hawaii) - PACOM chemical defense unit; Liaison Officer for Combined Joint Special Operations Task Force - Afghanistan (CJSOTF-A) to ISAF Commander and Chief of the Joint Non-Lethal Effects Section for CJSOTF-A . LTC Taylor is a graduate of the Sam Houston State University, Texas with a degree in Civil/Industrial Engineering and is working towards his graduate degree in Homeland Security (WMD/Terrorism).

**This forum is co-sponsored by Windward Community College and American Chemical Society Hawaii Section.**

[http://www.windward.hawaii.edu/chemistry\\_forum/2010\\_Spring/](http://www.windward.hawaii.edu/chemistry_forum/2010_Spring/)

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