



American Society for Quality (www.asq.org) – Washington D.C. and Maryland Metro, Section 509 (www.asq509.org)

Biomed/Biotech Special Interest Group (SIG) Meeting

“Three Case Studies of Remediation of Hazardous Waste Contaminated Sites”

Presented by

Chen-Yu Yen, PhD, PE, CHMM

VP, Gannett Fleming, Inc.

Senior VP, Gannett Fleming Sustainable Ventures Corp.

CEO/President & Chairman of the Board, TerraSure Development, LLC

Thursday, August 12, 2010

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

6:20 – 8:30 PM – Program (a 10-min break at 7:40 pm)

8:30 – 9:00 PM – Door-prizes drawing; Networking

Open to Public - **Free to ASQ Members** (*Become a ASQ Member & Save*)

\$5 for non-ASQ members to cover pizza/drink cost

Free to all High School Students & Summer Interns

Location: Kelly's Deli Conference Center, 7519 Standish Place, Rockville, MD 20855

Registration: For headcount purpose, please register by *Thursday noon, August 12, 2010*. Registration Website: <http://www.asq509.org/ht/d/DoSurvey/i/35817>

For question, contact Dr. C.J. George Chang, Chair of Biomed/Biotech SIG, at gchang2008@yahoo.com or 240-793-8425 (cell).

Presentation Summary: Three Case Studies of Remediation of Hazardous Waste Contaminated Sites

Three case studies of remediation will be presented on a Federal Superfund Site (Avtex Fibers Superfund Site, Front Royal, VA), a Guaranteed Fixed Priced Remediation [GFPR] of Commercial Real Estate (“The Plant” on Valley Street, East Providence, RI), and a Gasoline Spill Site (Exxon Mobil, Jacksonville, MD, a.k.a., “the Exxon Valdez on Land”). These examples will show the **environmental cleanup sciences, data quality objectives, efforts, and challenges** associated with these three different types of contaminated sites and from different perspectives.

Dr. Yen has been the *project manager* and *principal-in-charge* working for EPA at the Avtex Fiber Superfund Site project since 1991. He is the *CEO* and *President* of TerraSure Development, LLC, the company that performs the GFPR work at “The Plant” site since 2003. He is a *victim* of the Exxon Mobil Jacksonville gasoline spill site since 2006, having the groundwater of his property contaminated. He is also the proud *owner* of seventeen (17) Exxon monitoring and pumping/recovery wells on his property.

Speaker Biography: Chen-yu Yen, PhD, PE, CHMM (cyen@gfnet.com)

Dr. Chen-yu Yen earned his bachelor of sciences degree in Chemistry in 1973 from the National Taiwan University, Taiwan, ROC. He received his master degree in Chemistry (1977) and PhD degree in Environmental Sciences and Engineering (1983) from University of North Carolina at Chapel Hill. After graduation, he did his post-doctoral research at the Johns Hopkins University at Baltimore, MD. In 1985, he joined **Gannett Fleming Inc. (GF)**, an **ISO 9001-2008 certified consulting engineering firm** with more than 2,200 staff and more than 50 offices worldwide. At GF, he moved up the ranks from a **project engineer** to serving as its Baltimore **Regional Office Manager** between 2000 and 2005, growing the office from a staff of 35 and losing money to more than 80 staff and consistently making more than \$1M per year in profit. Currently, Dr. Yen is a **Vice President** and a stockholder of GF with various national duties.

Dr. Yen is also the **President** and **CEO** of TerraSure Development, LLC, a wholly-owned subsidiary of GF that specializes in guaranteed, fixed-price remediation and redevelopment of hazardous waste-contaminated sites. He holds a patent in chemically assisted, biological *in-situ* treatment of hexa-valent chromium-contaminated soil and groundwater. Dr. Yen has stayed in contact with the academic world, and is currently serving as an **advisor** to the School of Public Health at UNC Chapel Hill and the Department of Geography and Environmental Engineering at the Johns Hopkins University.

Dr. Yen’s hobbies include stock picking and orchid growing.

Directions to meeting: From I-270 (North or South bound):

Take Exit 9A and exit from the first right exit.

Turn left (east) onto Shady Grove Drive.

Turn right (south) onto Rockville Pike (**Route 355**).

Turn left (east) onto East Gude Drive.

Turn left (north) immediately onto Crabb’s Branch Drive.

Turn left (west) immediately onto Standish Place.

The first building on your right side is 7519 Standish Place; open parking. The conference room is on the first floor with its entrance opposite to the left side of 7519 building main entrance.