

**American Chemical Society Richland Section presents:**

## How is the safety culture in your institution?

**Robert H. Hill, Jr.,  
Capt., U.S. Public Health Service (Retired), Atlanta, GA**

The safety culture in an institution has a great influence on laboratory safety for the researchers and others working various aspects of operations. In this presentation, two well-known laboratory incidents will be examined: looking at each incident, why it happened, and how it might have been prevented. The role of Diane Vaughn's "Normalization of Variance" in these incidents will also be considered. The lessons learned from these incidents can be instrumental in helping assess the safety culture of other institutions. Elements that should be found in institutions will be highlighted. The audience is invited to consider how the safety culture in their institution measures up.



**Please join us for a Science Café focused on chemical safety with a special presentation by chemical safety expert Dr. Robert H. Hill, Jr.**

**Light refreshments will be provided. RSVP here:** <https://forms.gle/wrvJDKV4yjsYBpuX7>

Dr. Hill is a retired Captain, U.S. Public Health Service (1971-2001). He has more than 25 years of experience as a research chemist engaged in laboratory research and working in environmental and occupational health and safety. His laboratory research experience included organic synthetic work and research and development of analytical methods to measure exposures to toxic chemicals – methods in air, blood, urine, and other biological matrices – for investigations involving partners in multi-disciplined national and international public health organizations.

Dr. Hill served as a leader and manager of the occupational safety and health program for the Centers for Disease Control and Prevention (CDC). After retiring from U.S. Public Health Service, Dr. Hill worked as Program Manager in Atlanta for Battelle Memorial Institute for 13 years.

He is a strong advocate for chemical and laboratory safety education for undergraduate students. Dr. Hill, along with Dr. David Finster of Wittenberg University, authored the textbook: Laboratory Safety for Chemistry Students, 2nd Edition (2016); 1st Edition (2010). The 3rd Edition is nearing completion. He has over 100 publications, held offices in national scientific organizations, reviewed and edited journals, and served as a committee member for the National Academies of Science, received numerous awards in public health, and delivered presentations to national and international scientific and public audiences.

Dr. Hill is very active in the American Chemical Society - he served as the Chair of the Joint Board/Council Committee on Chemical Safety (CCS); he served as Chair, CCS Partnerships Subcommittee; he served as Chair, Safety Culture Task Force, and a member of the Task Force for Safety Education Guidelines.

**When**  
Thursday, September 7  
3:00 p.m.

**Where**  
Gallery Room, Richland Public Library  
955 Northgate Drive, Richland, WA

**Join Virtually on  
Zoom**

<https://american-chemical-society.zoom.com/j/85438423013?pwd=QXVZMmFHU250dzhDQEVUYis5UnR2dz09>



**Open to the public, all are welcome!**

For more information, visit <https://acsrichland.org/> or contact Jared Kroll (509-375-3607, [Jared.Kroll@pnnl.gov](mailto:Jared.Kroll@pnnl.gov)).