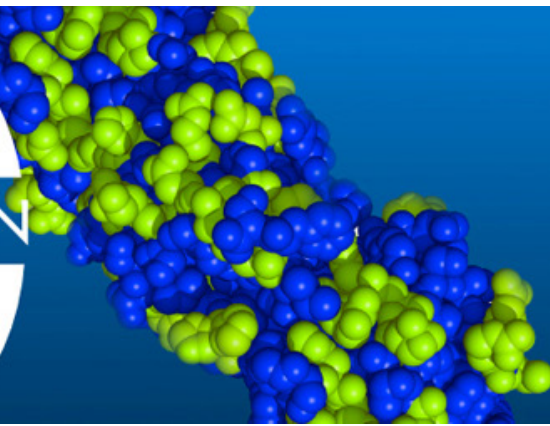


100 YEARS OF INNOVATION



ALUMNI SPOTLIGHT

Timothy J. Bauer '85 has spent his 26-year career analyzing and predicting the hazardous effects of chemical and biological warfare agents, toxic industrial chemicals (TICs) and radiological materials for the federal government.

Currently a principal chemical engineer at the U.S. Naval Surface Warfare Center in Dahlgren, VA, he estimates the consequences of terrorist attacks resulting in the release of TICs. He is also a subject matter expert within the U.S. Department of Defense for chemical, biological and radiological (CBR) hazard prediction and analysis.

Tim uses his expertise to support the North Atlantic Treaty Organization (NATO) and other international communities as a U.S. representative for CBR-related work and has led projects for the Chemical Biological Defense Program and Defense Threat Reduction Agency, among others.

He has appeared at numerous domestic and international conferences and symposia to discuss his research findings and has published a variety of technical reports on the subjects.

Tim also received the Technology to Sea Excellence Award for his work on the U.S. Navy's Vapor, Liquid, and Solid Tracking (VLSTRACK) hazard assessment computer model, which provides approximate hazard predictions for a wide range of chemical and biological agents and munitions. The technology was used during the Gulf War.

Tim received his masters in chemical engineering from North Carolina State University in 1987. He is currently pursuing a doctoral degree in atmospheric and oceanic sciences at the University of Maryland, College Park.