

# Your Full-Spectrum Training Solution

We deliver precisely tailored training backed by depth of scientific expertise, tactical experience, and a proven instructional methodology



signature  
science LLC®



#### Customized

Specifically tailored to client mission and requirements



#### Full-Spectrum

CBRN TCCC, trade craft, TQ, etc. to fully integrate enabling tasks



#### Up-To-Date

Cutting edge content incorporating current trends



#### Realistic

Safe use of real chemicals for realistic field experiences

# Great Training Leads to Mission Success

We believe one of the keys to mission success is great training. And the best training is customized to fit your mission perfectly. Pre-packaged, off-the-shelf products can leave your people with knowledge gaps that can cause trouble down the road. We start by studying your goals and operation, and then we prepare the precise instructional package that you need. The result is capable, confident personnel who are primed for operational success.

## Full-Spectrum Solutions

At Signature Science our wide array of academically-trained scientists understand the complex nuances of CBRNE/WMD/CWMD—knowledge that is critical for identifying agents and keeping US personnel safe in suspect facilities. Our EOD technicians and former operators know how agents are employed and defeated. This combination of scientific knowledge and tactical experience allows us to provide full-spectrum training solutions that are scientifically sophisticated and field-relevant.

## How We Do It

- 1 Classroom Instruction:** Dynamic and interactive classroom instruction provides the informational foundation and context.
- 2 Practical Exercises:** Once a concept is covered in the classroom, learning transitions to experiential hands-on exercises which serve to both reinforce and apply the concepts learned in the classroom.
- 3 Review:** Carefully constructed review sessions solidify the information learned. Knowledge gaps are identified and students are provided individual mentorship to address any identified gap.
- 4 Field Training:** These exercises allow students to integrate new knowledge and skills into unit TTPs and apply them to realistic mission sets. Lessons learned here translate to improved performance, fewer issues, and lives saved in the field.

## WORLD-CLASS TRAINING SUPPORT:

- Thorough knowledge base, constantly updated
- Extensive library of configurable POI modules
- CWMD Pathway Defeat:
  - Attack the network “Left of Boom”
  - Delay and disrupt OPFOR ability to develop WMD (scientific expertise, weaponization, supply chain, etc.)
  - Recognition of traditional and non-traditional synthesis routes (over-the-counter products vs. lab grade material; non-standard precursors)
  - High value CWMD Site Exploitation (ID high priority elements; determine sophistication and scientific background of chemist(s); ID OPFOR capability gaps)
- CBRNE training aids for self-directed sustainment training worldwide
- Site Exploitation TTPs
- Collection of detailed SOPs
- Technical Reference Guides

## Up-To-Date

We ensure that our training materials are based on the most current information available. Our staff is TS/SCI cleared and monitors current trends and adversary TTPs worldwide. We routinely train personnel during their pre-deployment workups, support them as “reachback” while they are deployed, and debrief them upon their return. This allows us to adapt our training to reflect the latest real-world scenarios.

## Realistic

Our training exercises are extremely realistic. Target locations are selected for size and ambiance, then seeded



with props. We use simulated chemicals and biologicals with the appropriate color and viscosity to make them visually and tactilely convincing. We safely incorporate explosives and other hazardous materials in ways that allow students to learn visual cues and experience real sampling challenges during training without excessive risk.

## COMPLETE IMMERSION TRAINING:

- Can be centered on both Title 10 and Title 50 authorities and environments
- Turnkey, including all facilities, materials, information, and personnel
- Cleared role players from equivalent jobs (former diplomats, clandestine service case officers, and special operations forces)
- Mission-relevant intelligence contexts and back story
- Real-world challenges

Whether your goal is to attack networks of emerging WMD proliferators, take direct action against a WMD-capable adversary, or respond to a CBRNE incident, we can ensure your organization is prepared for mission success.

## Our Strategic Partners



**Jeffrey S. Prough**, Director  
Operations and Intelligence Services  
jprough@signaturescience.com  
512-583-2486

**signature**  
science<sup>LLC</sup>  
www.signaturescience.com

**Elie Zussman**, Training Specialist  
Operations and Intelligence Services  
ezussman@signaturescience.com  
512-583-2437