

# California Training Institute



## Force Encounters Analysis: Understanding Human Performance during Critical Incidents

**January 27-29, 2016 @ Auburn PD**  
**Tuition \$300.00**

**FORCE ENCOUNTERS ANALYSIS** may be the most important LE course available today. It's a dynamic, participant-centered training based on the latest, unbiased scientific evidence pertaining to officer involved use of force. The findings delivered in this course have been directly credited with saving officer lives on the street, and preventing some officers from being unfairly convicted of criminal use of deadly force. You cannot afford to forego this training.

Course work covers the science of human dynamics in the midst of a high-stress encounter, and will help build a bridge between the latest academic research and the law enforcement environment.

Our training expands knowledge of clear-cut, scientific evidence to include biomechanical and cognitive elements, and strengthens analytical skills. Topics include:

- Why might statements conflict with forensic evidence? How perceptual distortions & stress-induced memory gaps impact accurate recall.
- Why are suspects shot in the back by well-trained officers making valid decisions? Scientific facts about speed studies & the truth about time: How long it really takes to start—and—stop shooting.
- How investigators can best 'mine' officers' memories in a post-incident interview.
- How to analyze vital elements of a controversial use of force that are often overlooked.
- Why officers in high adrenalin confrontations continue to fire after the threat has ended.
- Facts about how quickly suspects can launch an attack as opposed to an officer who must take the time to determine threat before taking action.

**The course is relevant for Sworn Officers, SWAT, UOF Trainers and Investigators, Internal Affairs, Police Psychologists, Critical Incident Teams, Managers and Supervisors across the board.**

*Certified Force Science Analyst, Craig E. Geis, (Lt. Col Ret.), M.A., M.B.A, is Co-Founder of CTI and has extensive background in error and risk management. As career army pilot, he developed the military's Team Resource Management (TRM) training program to address human error, and is a former instructor for the U.S. Military Academy at West Point, Embry Riddle Aeronautical University, University of Maryland, and University of San Francisco. Craig holds an MA in Psychology from Austin Peay State University, and an MBA in Management from Georgia Southern College.*



DEDICATED TO EDUCATION, TRAINING AND NETWORKING FOR PUBLIC  
SAFETY AND AVIATION PROFESSIONALS WORLDWIDE.

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*Hosted by Auburn PD, January 27-29, 2016*

*Tuition \$300.00\*\*\*\*3 Days/24 Hours*

## **FORCE ENCOUNTERS ANALYSIS:**

Understanding Human Performance during Critical Incidents

Force Encounters Analysis may be the most important LE educational course available today. It is a dynamic, participant-centered training based on the latest, unbiased scientific evidence pertaining to officer-involved use of force. The findings delivered in this class have been directly credited with saving officer lives on the street, and preventing some officers from being unfairly convicted of criminal use of deadly force.

### **You cannot afford to forego this training.**

The definition of use of force and its application are controversial issues that have confounded researchers and police departments for the better half of two centuries. Now, using sound scientific principles, we are finally able to analyze and determine a multitude of related factors. With the affirmation of *Graham v. Conner* (1989) by the Supreme Court, we currently have a legal standard dictating that "police force at any level can be justified so long as the officer is acting like other reasonable officers given the same set of circumstances."

### **The question still remains: What is reasonable?**

Force Encounters Analysis is a **practical and understandable course**, based on unbiased scientific evidence pertaining to officer involved use of force (UOF). The primary goals of the program are to encourage LE professionals to apply ground-breaking concepts revealed in force science research when engaging in force encounters, AND when investigating, reconstructing, recalling or otherwise analyzing a UOF incident. Coursework covers reactions times, perceptual distortions, narrowed vision, and memory gaps.

The science of human dynamics in the midst of a high-stress encounter is information not generally covered in the criminal justice research available. Our course work will help build a bridge between the latest academic research and the law enforcement environment.

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California Training Institute, 1831 Quail Court, Saint Helena, CA 94574

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**Topics include some of the most controversial force issues:**

- Why might statements conflict with forensic evidence? How perceptual distortions & stress-induced memory gaps impact accurate recall.
- Why are suspects shot in the back by well-trained officers making valid decisions? Scientific facts on human performance help us better understand how long it takes an officer to react to a lethal threat.
- Investigative techniques to assist in analyzing factors that are often overlooked in use of force investigations.
- How to analyze vital elements of a controversial use of force that are often overlooked.
- What ready position is really best for reducing reaction time in an armed encounter?
- Why officers in high adrenaline confrontations continue to fire after the threat has ended.
- Facts from tactical science speed studies and how quickly suspects can launch an attack, as opposed to an officer who must take the time to determine threat before a taking action.

**The course is relevant for a wide range of law enforcement professionals including:**

- Sworn Officers, SWAT, Force Investigators, UoF Trainers, Critical Incident Teams
- Managers & Supervisors, Police Psychologists, Internal Affairs
- City Attorneys, Citizens Oversight Committees

**Course Terminal Learning Objectives**

- Understand the biological basis of behavior in a force encounter situation.
- Explain the physiological, perceptual, and cognitive factors that officers encounter in a force situation.
- Analyze and investigate a lethal force encounter and explain the **human factor forensics** involved.
- Predict an officer's and suspect's reaction time, and the biomechanics of lethal force encounters.
- Understand the **best practices** to consider before conducting an interview with officers involved in an OIS.
- Act as a resource in your department to better inform leadership, the public, and the media on OIS and other use of force situations.

*Certified Force Science Analyst, Craig E. Geis, (Lt. Colonel, retired) MBA, MA, is Co-Founder of California Training Institute. Craig has extensive background in error and risk management and has been an instructor for California POST since 2003 on the subject of Human Factors Threat & Error Management. LTC. Geis was a career army pilot, developed the military's Crew Resource Management (CRM) training program to address human error, and is a former instructor for the U.S. Military Academy at West Point, Embry Riddle Aeronautical University, University of*

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Maryland, and the University of San Francisco. He has served as an Associate Professor at the University of Southern California, providing instruction in numerous courses on Safety Management and Human Factors. Craig holds an M.A. in Psychology from Austin Peay State University, a B.A. in Management from C.W. Post College in New York, and an MBA in Management from Georgia Southern College. At the time of his military retirement, Lt. Col. Geis was the US Army's Lead Safety Specialist in Aviation Human Factors.

**Certified Force Science Analyst, Dave Blake, M.Sc.**, has held positions as Force Options Unit Instructor, SWAT team member, Field Training Unit Officer, Gang Unit Officer, Narcotics Detective, and his instructor certifications include Firearms, Defensive Tactics, Force Options Simulator, and Reality Based Training. Dave's 8 year service in the USAF included deployments in support of Operations Restore Hope and Desert Storm. He holds a Bachelor of Science in Criminal Justice Management and a Masters of Science in Psychology. Dave is currently an adjunct professor of criminal justice and writes a quarterly column for PoliceOne, entitled The Science of Training.

**Certified Force Science Analyst, Blair Alexander, (Colonel US Army Ret.), M.B.A.** is an Inspector with the Alameda County District Attorney's Office. Blair retired as a Lieutenant from Oakland PD (CA), where he served for over 20 years, holding positions as SWAT Tactical Cmdr & Entry Operator, Patrol Watch Cmdr & Supervisor, Violence Suppression Unit Cmdr, Internal Affairs Officer-Involved Shooting Investigator, Field Training Officer, and Departmental Range Master. Blair has 30 years of combined active & reserve service, with deployments to Iraq as a member of the Civilian Police Assistance Training Team. He is a graduate of the US Military Academy at West Point, NY (BS – 81), Santa Clara University in CA (MBA – 92), and the US Army War College in PA (Masters of Strategic Studies – 05).

**\*\*Attendees are also introduced to and provided a Media Kit created by CTI providing agencies an ability to "get out in front" of a critical use of force incident!\*\***