



# SQUAD: FOUNDATION OF THE DECISIVE FORCE

Sep 2014  
UPDATE



## SFDF is Dedicated to All Dismounted Elements

### SFDF Updates

- **Maneuver and Fires Integrated Exercise (MFI):** MCoE is collaborating with FCoE to conduct MFI that will focus on Counter-UAS, Fires, Situational Awareness, Protection and Power (energy). Phase I was completed at Fort Sill in May-Jun 2014 and Phase II at Fort Benning is scheduled for 2-30 Sep 2014.
- **Squad Overmatch Study:** Final study report and related recommendations will be submitted to the Army Study Program Management Office by 30 September 2014.

### ARTICLES

- **Article: Chemical-biological researchers deliver results:** Aberdeen Proving Ground, Md. (Sept. 18, 2014) -- Choking, watering eyes, blistering skin and convulsions are symptoms of imminent death from a chemical weapons attack. The lethality of such attacks, most recently in August 2013, in Syria, sends tremors across the globe. For Soldiers, chemical weapons present a real danger on the battlefield that requires advanced technology to keep them safe. The Army is investing in science and technology to enable Soldiers to operate in a chemical-biological threat environment. ([View Article](#))
- **Article: Avatar-based simulations to boost counseling skills:** The Emergent Leader Immersive Training Environment can be used to learn counseling skills. ELITE provides users a menu of questions to ask an avatar representing a Soldier who needs counseling. Soldiers can select whether they want to be a virtual officer or NCO. Then they interact with uniformed avatars that have problems ranging from disagreements with their platoon sergeant to driving under the influence and sexual harassment. Responses provided to the avatars determine the direction of the counseling sessions. ([View Article](#))
- **Article: Body sensors to help Soldiers in future conflicts:** Washington (Army News Service, Sept. 11, 2014) -- The Army is researching physiological sensors that may help Soldiers achieve superior performance on battlefields of the future. ([View Article](#))
- **Article: Lightweight, Soft Exosuit Aims to Prevent Musculoskeletal Injury in Warfighters:** Harvard University's Wyss Institute for Biologically Inspired Engineering is continuing

development of a lightweight, soft exosuit for DARPA's Warrior Web program, which is aimed at creating technologies that mitigate musculoskeletal injuries among warfighters while improving performance. ([View Article](#))

- **Article: Night turns into day: Army researchers enable night lethality:** In complete dark from significant standoff, Soldiers use medium wave infrared technology to turn night into day. ([View Article](#))
- **Article: Enhanced grenade lethality: On target even when enemy is concealed:** PICATINNY ARSENAL, N.J. (Sept. 4, 2014) -- How does the warfighter launch a grenade at the enemy and ensure that it hits the target if the enemy is defiladed, or concealed, behind natural or artificial obstacles? SAGM is a munitions round that aims to provide warfighters with the capability of shooting a 40-mm low-velocity grenade from an M203 or M320 rifle-mounted grenade launcher with the certainty that, if their target is hiding or behind an object, damage will still be inflicted. ([View Article](#))

## SFDF WAY AHEAD

- **SFDF Goal.** To improve the combat effectiveness of maneuver formations from Squad through Brigade Combat Teams.

[SFDF Portal](#)

### SFDF Team

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