

# FOCUS AREA FORUM

## WARFIGHTER PERFORMANCE



### What it is:

This one day event is designed to enable naval leaders and program managers to explore the Warfighter Performance S&T focus area with potential research partners. The Forum is unclassified and open to the first 100 qualified industry and academia performers who register.

### How it works:

The Office of Naval Research (ONR) leadership and decision-makers will deliver updates on priority warfighter performance research, key challenge areas and opportunities. Attendees can participate in brief, one-on-one sessions with ONR program managers (requested during registration) to discuss new ideas and innovations. An open participant poster session will promote information exchange.

### Why it is important:

S&T research is a collaborative and multidisciplinary process. Budget constraints and travel restrictions have limited the ability to share discoveries and develop new partnerships. Focus Area Forums were introduced to complement ONR's Naval Future Force S&T EXPOs as another means to promote discussion on strategic topics. In lieu of a specific funding opportunity, ONR hopes to shape the direction of naval Warfighter Performance research and identify potential technology solutions for complex challenges.

### When and where:

- Wednesday, Nov. 5, 2014  
from 0800-1600
- Office of Naval Research  
875 N Randolph Street, Arlington, VA
- Metro accessible: Ballston/Virginia  
Square stations

The **Warfighter Performance** science and technology (S&T) focus area facilitates the readiness of naval forces at the individual, team and fleet level to meet the operational requirements in uncertain environments ranging from the most austere to highly complex. Specific areas for increasing readiness include efficient manpower, selection and assignment, training, education and human-systems integration. Overall, the Warfighter Performance focus area has four objectives:

1. Manpower, Personnel, Training and Education
2. Bio-engineered Systems
3. Warfighter Health and Survivability
4. Human Systems Design and Decision Support

This Focus Area Forum will concentrate on two current research areas supporting the above objectives: Warrior Resilience programs, and Fleet Integrated Training, Experimentation and Planning (FITEP) initiatives.



## Warrior Resilience

- Delivers tools, knowledge and techniques enhancing individual performance and health
- Develops innovative training, education, medical assessments, modeling and interventions
- Enhances warrior wellness and performance on/off the battlefield

*Examples include:* human modeling; fatigue monitoring and modeling; heat strain mitigation; closed-loop casualty monitoring and intervention; mindfulness training; injury prevention; stress management and performance enhancement

## Fleet Integrated Training, Experimentation and Planning



- Realistic, integrated simulation-based training affordably prepares forces to deploy
- Experimentation uses simulation to develop and assess new missions and operational concepts
- Mission planning technologies enable course-of-action assessment in real-time

*Examples include:* fleet integrated synthetic training; live virtual constructive aviation training; and training/experimentation for counter anti-access area-denial, naval integrated fire control-counter air and electronic warfare

### More information and register:

**Web:** [www.onr.navy.mil/forums](http://www.onr.navy.mil/forums)

**Email:** [onr\\_events@navy.mil](mailto:onr_events@navy.mil)

Briefings and recorded portions will be published after the Forum.