

### **Health Engineering Task Force Proposal**

A lethal force (as promised in the National Defense Strategy) is not possible without the human weapon (people). Directing preventive medicine, environmental and public health aspects of engineering into the SAME mission contributes directly to our warfighters, their families, their workplace and homes (both in-garrison and deployed). Therefore, this proposed Task Force is a direct (soft) contributor to national security and an enabler of a more lethal force. The main goals of this task force is as follows:

- Explore the need for a collaborative forum to address issues and solve national security problems related to the preventive medicine, community and public health aspects of engineering
- Identify overlaps and evaluate gaps of health expertise between Services
- Ascertain the needs and requirements of individuals across government, military and industry
- Deliver education, training and professional development opportunities
- Create a health track for formal training at JETC and for publication in the TME

**See proposed charter below.**

## Task Force Charter – Health Engineering

**Status:** *Proposed to BOD*

**Strategic Line of Effort:** (TBD)

### Purpose

This Task Force will explore the need for a collaborative forum to address the environmental and public health aspects of A/E/C disciplines. This forum is open to all interested parties and through it, SAME fills a critical gap between the mission to sustain national security and the people who execute it. . It will further identify the needs, requirements and interests of preventive medicine and environmental and public health professionals to determine additional multidiscipline collaboration, professional development and education & training opportunities.

1. To promote the highest degree of skill, efficiency and professional competence among all environmental engineering, preventive medicine, environmental health and public health personnel in the SAME.
2. To provide for a mutual exchange of knowledge and experience between members of the different Uniformed Services of the United States and civilian/government organizations and to promote the advancement of public health education and environmental health science and engineering.
3. To represent the professional interests of the COI's members in the SAME and other organizations by promoting and conducting public discussions, forums, panels, lectures or similar programs to advance environmental health knowledge at such organizations' annual education conferences.

### Objectives

1. Provide a collaborative forum to address issues and solve national security problems related to the preventive medicine, environmental and public health aspects of engineering. Current examples include, but are not limited to the following:
  - a. Military Family Housing
  - b. Drinking Water
  - c. Emerging Contaminants
  - d. Environmental quality (vapor intrusion, radon and indoor air quality)
  - e. Facilities (Design and Maintenance of healthy buildings)
  - f. Use of geospatial data for health-risk assessment
  - g. Risk communication
  - h. Environmental Health issues in deployments (i.e., burn pits, drinking water quality, etc)
  - i. Natural Disaster response
  - j. Occupational and Environmental Health Surveillance Assessment (in deployed and in-garrison settings as well during contingency operations)
2. Identify overlaps and evaluate gaps of health expertise between Services
3. Explore needs and requirements of individuals across government, military and industry
4. Deliver education, training and professional development opportunities
5. Create a health track for formal training at JETC and for publication in the TME

## **Deliverables**

1. Membership List
2. Communication plan
3. Milestone Schedule

## **Key Dates**

Initial Meeting with Core Members	September 27, 2019
Submit Proposal/Charter to BOD	November 11, 2019
Roll-out Communication Plan & Milestones	November 29, 2019
Start Monthly Meetings (Telecon)	December 16, 2019
First face-to-face meeting at JETC	May 27-29, 2020

## **Official Members**

Co-Chair:	Lt Col Elisa Hammer, USAF
Co-Chair:	CPT Nathaniel Sheehan, USA
Co-Chair:	CDR Steven Sauer, USPHS
Advisor:	Neal Wright
Members:	Ms. Miranda Brannon (USAF), Major David Zgonc (USA), LT Kim Eisberg (USPHS)

## **Meeting Frequency**

Co-chairs will schedule conference calls bi-monthly with face to face meetings in conjunction with National Events.

## **Membership**

The Task Force members will consist of subject matter experts in the preventive medicine, industrial hygiene, environmental, community and public health and engineering disciplines across the military, government and industry.

## **Communication**

The Co-Chairs will schedule and conduct meetings bi-monthly via teleconference. The members will participate in regularly scheduled meetings. Members will arrange to have appropriate representation during said meetings when he or she is unable to attend. These meeting will be used to assess progress towards completion of milestone schedule. Face to face meetings will take place in conjunction with SAME National Events - Capitol Week, JETC, SBC and the IFMA.

## **Task Force Term**

The Task Force will be re-evaluated after 12 months for possible transition to working group status to report under either the Facilities Asset Management or Environmental Community of Interests (COI) or a full transition to a stand-alone COI.