

210th Armed Forces Pest Management Board Meeting Agenda
2-6 March 2020

Monday
2 March 2020

Pest Management Program Briefs: OSD and senior Service pest management consultants will provide an overview of their respective programs focused on describing best business practices and challenges. Specific issues identified from their presentations may be considered for committee deliberation.

0730: DoD Pest Management

0740: Army Pest Management

0750: Navy Pest Management

0800: Air Force Pest Management

0810: Air Force National Guard Pest Management

0820: Break

0835: Training and Education—The Bedrock of Readiness: Readiness begins with training and education, and is sustained through training and education. Our pest management personnel must receive the very best initial training, and we must ensure that they maintain their expertise throughout their careers. Representatives from the four military schoolhouses that provide initial DoD Pest Management Certification and periodic recertification describe how their programs achieve these goals.

0835: Military Education and Training Campus (METC)

0850: US Army Medical Center of Excellence (MEDCoE)

0905: Navy Training and Education

0920: Air Force Training and Education

0935: Break

0950: **Committee and Working Group Briefs:** Standing Committee Chairs and Working Group leads will provide an overview of activities conducted by their respective committees and groups.

0950: Chair, Operations Committee

1000: Chair, Research, Development, Testing and Evaluation Committee

1010: Chair, Risk Assessment Committee

1020: Chair, Training, Education and Information Committee

1030: Uniform Treatment Working Group

1040: Break

1055: Perspectives in Pest Management

1055: Pesticide use in the DoD - Data collection and analysis to inform programmatic change: Contingency pesticide use reporting on DD form 1532 has been a mainstay of pesticide use in theater. However, this reporting has long been viewed as a documentation process for archival purposes only. Along with the push to digitize and establish electronic archival systems, new web based systems are being developed to allow DD 1532 filers to use the collected data as a tool for managing their pest management programs. This talk will focus on the actionable insights that can be gleaned from archived DD 1532 data linked to a web based Tableau dashboard; from estimating needed re-supply rates to maintain program effectiveness, to the estimation of program requirements for the development of more accurate contract work statements – **Kevin Harkins, Army Public Health Center**

1140: Domestic Framework for the Prevention and Control of Vector-borne Diseases in Humans: Our nation’s ability to defend against the present and future threat of vector-borne diseases relies on a comprehensive national system able to detect, prevent, and respond to these threats. A concerted and sustained effort is needed to address significant challenges and reverse the upward trends in illness, suffering and death from vector-borne diseases. The effort must enhance multi-sectoral, One Health collaboration, coordination and communication to address vector-borne threats at the human-animal-environment interface. To reverse the current upward trends in vector-borne diseases and to increase the nation’s ability to protect the United States’ population from these diseases, six federal departments contributed to developing a national strategy for vector-borne disease prevention and control. An update of this effort and description of the way ahead will be provided - **Dr. Sue Visser, Division of Vector-borne Diseases, National Center for Emerging and Zoonotic Infectious Diseases, Centers for Disease Control and Prevention.**

1210: Lunch

1310: Climate change – Impact on DoD Pest Management: The ramifications of climate change can have far reaching implications on the effectiveness of our pest management plans. From

climatological and habitat shifts that can alter the density and types of installation pest species of concern, to the introduction and potential spread of invasive species, these issues require consideration during the development or revision of our pest management plans. Climate related challenges will inevitably have serious impacts to our military pest management and vector control operations both at home and abroad. This session drills down from high-level DoD-wide climate implications on installations to those impacting natural resources and pest management planning, finally discussing potential climate related implications for vectors and vector-borne diseases.

1310: OSD Climate Change Preparedness - Ms. Marissa McInnis, Water Resources & Resilience, OSD ASD(S), Arlington, VA

1340: Incorporating Climate Change into Integrated Pest Management Plans - Dr. Bruce Stein, National Wildlife Federation, Washington, DC

1410: Impacts of Climate Change on Vectors and Vector-Borne Disease - Dr. Ben Beard, Division of Vector-Borne Diseases, CDC, Fort Collins, CO

1445: Break

1500: Ticks: Identify, Control, and Knockout "TICK" Act - A discussion of the expectations for federal agencies and the DoD that are being generated by the Kay Hagan TICK (Ticks: Identify, Control, and Knockout) Act. The Kay Hagan TICK Act was created to improve the government's response to Lyme and other tick-borne diseases and authorizes \$150 million in funding for this endeavor. It mandates the formation of a National Strategy to expand research, improve testing and treatment, and coordinate common efforts across federal agencies. It also reauthorized funding for Regional Centers of Excellence in vector-borne diseases to enhance research in tick-borne diseases. Lastly, it authorized CDC grants to be awarded to state health departments to improve data collection and analysis, support early detection and diagnosis, improve treatment, and raise awareness – **Dr. Tammy Beckham, Director, OIDP, Department of Health and Human Services**

1530: Lyme Innovation Initiative - The Lyme Innovation initiative aims to accelerate innovation in the prevention, diagnosis and treatment of tick-borne diseases through the development of next-gen technologies, interdisciplinary collaborations, and data-driven innovations for tick-borne diseases - **Dr. Kristen Honey, Innovator in Residence, Department of Health and Human Services**

1600: Business Process Re-engineering Working Group: A cross-functional team developed to address and improve pest management effectiveness and efficiency. The team's goal is to deliver a requirements document that defines and maps out the DoD pest management business process identifying shortfalls and recommending solutions – **Lt Col Tim Davis, Deputy Director, Armed Forces Pest Management Board.**

1610: Education and Training Ad Hoc Committee: The AFPMB Council approved the formation of an Ad Hoc Committee for Training and Certification (AHC) at the 207th AFPMB meeting. The AHC was formed in response to concerns that the DoD pest management certification and training programs, as currently designed and implemented, were inadequate for the roles and responsibilities found within the DoD pest management program. The AHC will provide a briefing of their findings.

1620: Group Discussion

1650: Adjourn

1830: No Host Social - McGinty's Public House, 911 Ellsworth Dr, Silver Spring, MD 20910

Tuesday
3 March 2020

Vector surveillance – Data collection, analysis, dissemination. Pest management to prevent vector-borne disease relies on effective entomological operational risk assessments (AFPMB Technical Guide 46, *DoD Entomological Operational Risk Assessments*). This session seeks to guide improvements in 1) information products that guide risk assessment for vector surveillance and control, and 2) the collection, management, and analysis of vector surveillance data.

0800: **Introduction** - LT Brett Forshey, USPHS, Defense Health Agency, Public Health Division, Armed Forces Health Surveillance Branch (AFHSB)

0810: **Digital platforms for accessing vector surveillance data and associated information products.** Moderator: LT Brett Forshey, AFHSB

- **Health Surveillance Explorer** – LT Brett Forshey, AFHSB
- **CarePoint** - Dr. Stephanie Cinkovich, Army Public Health Center (APHC)
- **Vector Map** - Mr. David Pecor, Walter Reed Biosystematics Unit (WRBU)

0910: **Information products (overview of current products, gaps, and next steps),**

Moderators: Dr. Robyn Nadolny, APHC & Mr. David Pecor, WRBU

- **Presentation of Issue Paper: *Information Products***
- **Overview of current information products - EZORAs, VHRs, DVEPs, IDRAs**
- **Panel Discussion** - Needs/gaps/challenges for information products

1025: Break

1035: **Vector surveillance data collection, management and analysis.** Moderator: Dr. Stephanie Cinkovich, APHC

- **Presentation of Issue Paper: *Surveillance Data***
- **Panel Discussion** - Surveillance data collection/management/ analysis, needs/gaps/challenges for surveillance workflow, interim and long-term solutions

1150: **Vector surveillance - Discussion & next steps**

1200: Lunch

1300: **Training, Education and Information Committee Meeting** – See agenda

1300: **Uniform Working Group Meeting** - The Uniform Treatment Working Group (UTWG) is an interagency group of experts working together to ensure Service uniforms provide optimal protection against bites from arthropod disease vectors – **Closed to non-members**

1300: Business Process Review (BPR) Working Group Meeting - A cross-functional team developed to address and improve pest management effectiveness and efficiency. The team's goal is to deliver a requirements document that defines and maps out the DoD pest management business process identifying shortfalls and recommending solutions – **Closed to non-members**

1300: Aircraft Disinsection Working Group –Aircraft disinsection policy and procedures provide critical support for air mobility, allowing freedom of flight operations across international borders while minimizing potential transfer of non-native pest species at home and abroad. Expanding the list of registered pesticides, developing adequate quarantine requirements, addressing new pests such as spotted lanternfly, and fostering interagency collaborations are essential to ensuring flight operations do not introduce, or assist in the spread, of non-native species. This proactive working group will focus on answering current questions and needs for DoD pest managers on aircraft disinsection responsibilities and requirements – **Closed to non-members**

1700: Adjourn

1800: No host social

Wednesday

4 March 2020

Committee Meetings

0800: Operations Committee Meeting – See agenda

1200: Lunch

1300: Research, Development, Testing and Evaluation Committee Meeting – See agenda

1700: Adjourn

Thursday

5 March 2020

Committee Meetings

0800: Risk Assessment Committee Meeting – See agenda

0800: Air Force Engineering Meeting – Room 1 or Hoogstraal Room (POC: Mr Teig)

0900: Military Medical Entomology Training - Room 1 or Hoogstraal Room (Closed to non-participants) (POC: CAPT Eric Hoffman, AFPMB)

1200: Lunch

1300: Chair/Vice Chair planning meeting – See agenda

1700: Adjourn

Friday
6 March 2020
Council Meeting

0830: Council Preparation

0930: Committee Briefings

- Operations Committee Briefing
- Training, Education and Information Committee Briefing
- Risk Assessment Committee Briefing
- Research, Development, Testing and Evaluation Committee

1030: Picture/Break

1055: Working Group Briefing

1140: Council Votes

1240: Adjourn

Training, Education & Information Committee Agenda
210th AFPMB Meeting
Tuesday, March 3, 2020, 1300-1700 Conference Room A&B
Building 172, US Army Garrison Forest Glen, Silver Spring, MD

1. Call to order and taking roll of members to determine if a quorum is present (1300-1305)
2. Announcements (1305-1315)
 - a. Minutes of the previous meeting were accepted by vote on 3 Oct 2019—MAJ Cline
 - b. Call for other announcements—MAJ Cline
3. Old Business (1315-1415)
 - a. Status of Recommendations from 209th meeting—MAJ Cline
 - b. Ad hoc training committee close out presentation—LCDR Kavanaugh
 - c. Status of online certification and tracking database—MAJ Cline
 - d. Status of the Operational Integrated Vector Management course—Dr. English
 - e. Status of Technical Guide assignment and standardization—MAJ Cline
 - f. Status of CEUs for Army online recertification course?—TBD
 - g. Status of inclusion of equipment and pesticides into curricula?—TBD
4. New Business
 - a. Revision of the DoD Pesticide Applicator course book and cert and recert tests (MAJ Cline) (1415-1500)
 - b. DoD schoolhouse leadership discussion—Dr. English (1500-1600)
 - c. Call for additional new business—MAJ Cline (1600-1700)
5. Announcement: The TE&I Committee will next meet in September 2020, specific dates and times TBA.
6. Adjournment

AGENDA
Operations Committee
209th Armed Forces Pest Management Board Meeting
Wednesday, 4 March 2020
0800-1200 Conference Room, Bldg. 172
USAG Forest Glen, Silver Spring, MD

Call to Order and Introductions	Mr. Medina
Announcements	All
Doing business in the Operations Committee	Mr. Medina
Old Business	
1. TG status	Various
2. Pest Management Materiel approval process	Capt Foley
New Business	
1. Shore Installation Profile: Naval Base Ventura County	Ms. Valerie Vartanian
2. TRANSCOM/USDA MOU	Mr. Jeff Jones
3. USDA Military Retrograde Mission	Mr. Patrick Haslem
4. Navy Exchange Pest Management Issues	Mr. Chris Martin
5. Next meeting	Mr. Medina
Adjourn	Mr. Medina

AGENDA
RDT&E Committee
210th Armed Forces Pest Management Board Meeting
Wednesday, 4 March 2020
1300-1700 Conference Room A, Bldg 172
USAG Forest Glen, Silver Spring, MD

Call to Order and Introductions	COL Evans
Announcements	All
Old Business	
1. Review September 2019 Minutes	COL Evans
New Business	
1. Product review – Green Gorilla	Dr. Cilek
2. KPP Presentation	Marshall
3. KPPs – spatial repellents and uniforms	COL Evans
4. Research – short and long-term outlook/challenges opportunities	COL Evans/ Group
5. What gaps SHOULD we address in the upcoming MIDRP cycle and which labs are best suited to propose/perform the work?	COL Evans
Adjourn	

**Risk Assessment Committee Business Meeting
210th Armed Forces Pest Management Board Meeting
Thursday 5 March 2020 (0800-1200)**

Call to Order and Introductions	0800	Dr. Colton
Announcements	0810	Dr. Colton
Old Business		
1. Update RE DoD Tick Management Plan TG/OPS review results	0820	Dr. Colton/ All
New Business		
1. Information products issue paper & lessons learned from panel presentation	0840	Dr. Colton/ LT Forshey
Break		
2. Data issue paper & lessons learned from panel presentation	1020	Dr. Colton/ LT Forshey
3. Allocation of TGs and review format	1110	Dr. Colton
4. Next steps	1130	Dr. Colton
Adjourn		