

**Integrated Tick Management Symposium:
Solving America's Tick-Borne Disease Problem
Agenda**

**May 16-17, 2016
Washington, D.C.**

Monday – May 16th, 2016

- 7:30am** **Continental Breakfast**
- 8:30am** **Welcome/Introduction**
Phillip Mulder, Entomological Society of America
Symposium Goals
Thomas Green, Ph.D., IPM Institute of North America
- 8:50am** **Session 1 – The Problem**
Moderator: Ben Beard, Ph.D., CDC
- 8:50am Tick distributions - County-based data - *Lars Eisen, Ph.D., CDC*
- 9:05am Tick distributions - Crowd-sourced data - *Tom Mather, Ph.D., University of Rhode Island*
- 9:20am Tick/Pathogen interactions - *Jean Tsao, Ph.D., Michigan State University*
- 9:35am Distribution & burden of TBDs - *Paul Mead, M.D., M.P.H., CDC*
- 10:00am Session Questions
- 10:20am** **Break**
- 10:50am** **Session 2 – The Approach**
Moderator: Tom Mather
- 10:50am Funding, collaborations, federal Initiatives - *Ben Beard*
- 11:10am Business case for greater investment - *Thomas Green*
- 11:30am Session Questions
- 11:40am** **Lunch**
- 12:45pm** **Session 3 - Individual and Integrated Tick Control Strategies**
Moderator: Lars Eisen
- 12:45pm Personal protection: Topical repellents - *Susan Jennings, M.A., EPA*

- 1:00pm Personal protection: Treated clothing - *Steve Meshnick, Ph.D., UNC Gillings School of Global Public Health*
- 1:15pm Session Questions
- 1:25pm Suppression of host-seeking ticks: Standard pesticides - *Alison Hinckley, Ph.D., CDC*
- 1:40pm Suppression of host-seeking ticks: Natural products - *Tom Mather*
- 1:55pm Suppression of host-seeking ticks: Habitat management - *Charles Lubelczyk, M.S., Maine Medical Center Research Institute*
- 2:10pm Suppression of host-seeking ticks - Other technologies - *Holly Gaff, Ph.D., Old Dominion University*
- 2:25pm Session Questions
- 2:40pm Break**
- 3:10pm Rodent-targeted methods: Topical pesticides - *Marc Dolan, Ph.D., CDC*
- 3:25pm Rodent-targeted methods: Vaccines/Antibiotics - *Sam Telford, S.D., Tufts University*
- 3:40pm Session Questions
- 3:50pm Deer-targeted methods: Topical pesticides - *Kirby Stafford, Ph.D., Connecticut Agricultural Experiment Station*
- 4:05pm Deer-targeted methods: Deer reduction - *Sam Telford*
- 4:20pm Deer-targeted methods: Anti-tick vaccine - *Andrew Li, Ph.D., USDA ARS*
- 4:35pm Session Questions
- 4:50pm Integrated tick/pathogen management - *Kirby Stafford*
- 5:05pm Integrated tick/pathogen management - *Bob Jordan, Ph. D, Monmouth County (NJ) Mosquito Control Division*
- 5:20pm Session Questions
- 5:30pm – Reception**
7:00pm

Tuesday May 17, 2016

7:30am Continental Breakfast

8:30 AM Session 1 - Goals, Study Design Considerations and Implementation

Moderator: Kirby Stafford

8:30am Establishing goals - *Lars Eisen, Ph.D., CDC*

8:45am Design considerations - *Alison Hinckley*

9:05am Assessments and metrics - *Howie Ginsberg, Ph.D., USGS*

9:25am Engagement and implementation - *Tom Mather*

9:45am Paying for it - *Ben Beard*

10:00am Session Questions

10:30am Break-out Sessions

Breakout 1 - What should tick/disease surveillance tell us?

Ellen Stromdahl, Ph.D., US DOD

Breakout 2 - Should we focus on new ITM technologies or on better implementing what we have?

Dan Sonenshine, Ph.D., Old Dominion University

Breakout 3 - ITM: Whose responsibility?

Scott Campbell, Ph.D., Suffolk County Government

Breakout 4 - What's the right level of investment and how do we get there? *Thomas Green*

Breakout 5 - Is there a magic bullet in our future? *Maria Diuk-Wasser, Ph.D., Columbia University*

11:35am Re-convening and Summary

12:25pm Closing Remarks

May Berenbaum, Entomological Society of America