

Biosurveillance Integration: Integrated Management of Threats 2015

Held at the Biodefense World Summit 2015

**Bethesda, Maryland, USA
25 – 26 June 2015**

ISBN: 978-1-5108-0929-1

Printed from e-media with permission by:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571



Some format issues inherent in the e-media version may also appear in this print version.

Copyright© (2015) by the Knowledge Foundation
All rights reserved.

Printed by Curran Associates, Inc. (2015)

For permission requests, please contact the Knowledge Foundation
at the address below.

Knowledge Foundation
18 Webster Street
Brookline, Massachusetts 02446-4938

Phone: (617) 232-7400
Fax: (617) 232-9171

custserv@knowledgefoundation.com

Additional copies of this publication are available from:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: 845-758-0400
Fax: 845-758-2634
Email: curran@proceedings.com
Web: www.proceedings.com

TABLE OF CONTENTS

Joint USFK Portal and Integrated Threat Recognition (JUPITR) ATD	1
<i>P. Emanuel</i>	
Lessons Learned: Case Studies in Biosurveillance for H1N1 and Ebola	18
<i>R. Hooks</i>	
Integrative Biosurveillance in High Disease Burden Populations	26
<i>H. Mukundan</i>	
Becoming ADEPT: Accelerating Description of Emerging Pathogen Threats	41
<i>G. Palacios</i>	
Biosurveillance Vision for JPEO	57
<i>N. Rosenzweig</i>	
DTRA's Biosurveillance Ecosystem (BSVE)	65
<i>R. Schoske</i>	
Point-of-Need Metagenomic Sequence Analysis: Self-Contained NGS Analyses when Cloud Access is Not an Option	73
<i>T. Slezak</i>	
Community Health Resilience Toolset: An All-Hazards Web-Based Approach to Enhance a Community's Ability to Prepare, Respond and Recover from Manmade or Naturally Occurring Biological Events	87
<i>J. Stiefel</i>	
Third Generation Sequencing for Rapid Biosurveillance	105
<i>D. Ussery</i>	
Investigative Bioforensics via Heterogenous Data Integration	117
<i>B. Webb-Robertson</i>	
Author Index	