

2nd Annual Oak Ridge National Laboratory Biosurveillance Symposium 2013

**Identification & Integration of Essential
Information for the National Strategy for
Biosurveillance**

**Alexandria, Virginia.'WUC
17 June 2013**

ISBN: 978-1-62748-664-4

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© (2013) by the Knowledge Foundation
All rights reserved.

Printed by Curran Associates, Inc. (2013)

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

KEYNOTE ADDRESS: National Biosurveillance Science & Technology Roadmap	1
<i>Franca R. Jones</i>	
National Biosurveillance Integration System	13
<i>Steve Bennett</i>	
Innovative Strategies for Point-of-Care Diagnostics.....	15
<i>Harshini Mukundan</i>	
Challenges to Global Surveillance and Response to Infectious Disease Outbreaks of International Importance	29
<i>Penny Hitchcock, Allison Chamberlain, Megan Van Wagoner, Thomas V. Inglesby, Tara O'Toole</i>	
Guiding Epidemiological Models by Integrating Point-of-Care Diagnostics with Disease-Surveillance Information	52
<i>Arvind Ramanathan</i>	
Parallel Nucleic Acid and Protein Detection for Improved Biosurveillance	71
<i>Richard Allen,</i>	
Development of a Sample to Answer PCR Instrument.....	80
<i>William M. Nelson</i>	
Ambient Temperature Assays for Point of Care Systems	91
<i>Rolf Muller</i>	
Author Index	