

OPERATIONAL RESEARCH: INNOVATIONS DRIVE PROGRAMS



UNITING_{TO} COMBAT
NEGLECTED TROPICAL DISEASES

April 2, 2014

Transformational Diagnostic Tools: Oncho/LF Biplax

2

- Detects antibody to both oncho and LF
- An ongoing collaboration:
 - between NIH and PATH to develop the test
 - across many partners to validate and introduce it
- A tool to promote program integration



Tools in the Validation Pipeline

NTD	Tool	Purpose
Schisto	CCA/CAA	Urine-based antigen detection for impact assessments
Oncho	Ov16	RDT for stopping MDA and surveillance
LF	Wb123	RDT for surveillance
Trachoma	PCR/Ab	Detection of infection or exposure to infection
Loa	CellScope	Phone-based system to identify persons at risk of SAE
Pan NTD	Multiplex	Tool for integrated surveillance