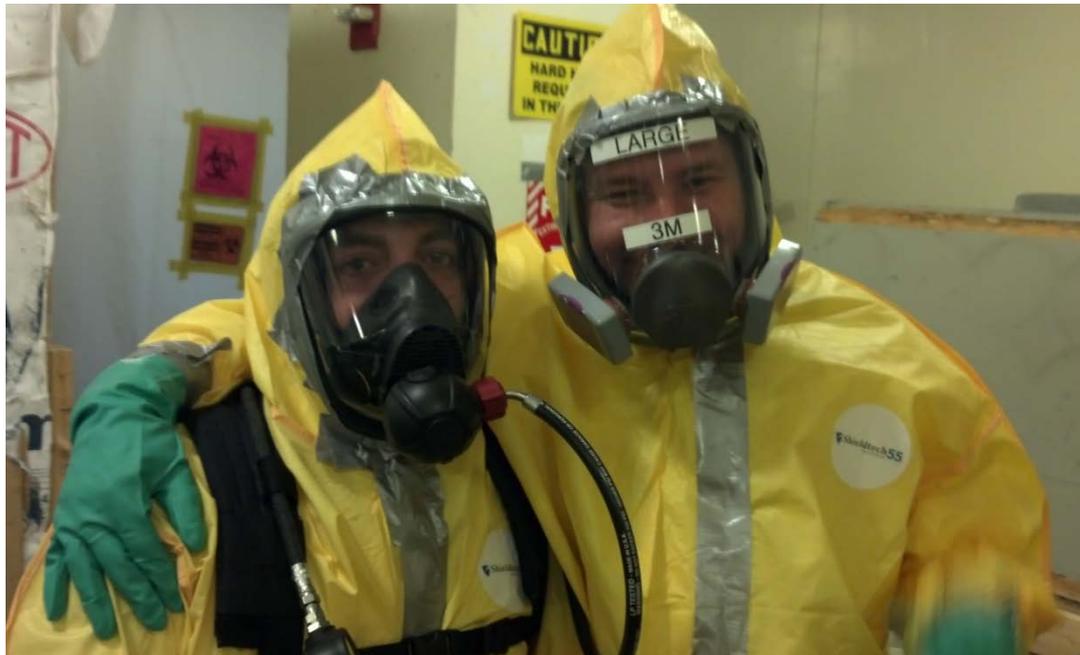
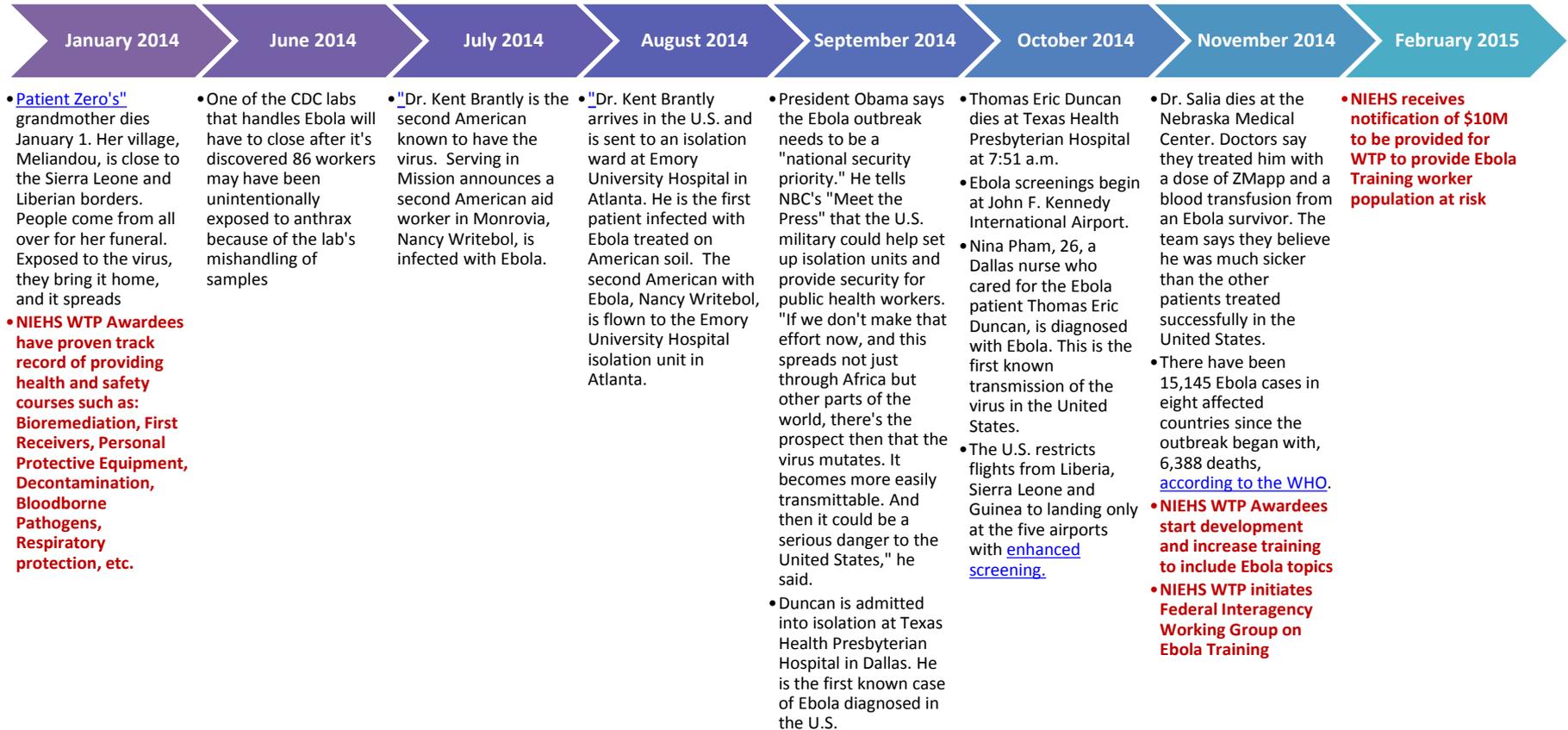


# NIEHS Worker Education and Training Program (WTP)

Responding to Ebola and Other Biological Exposures



# Ebola Outbreak and WTP Timeline



# WTP Awardees Respond to Their Organization's Ebola Needs

Awardee	Activity Description	Date	Location	Numbers Trained
International Association of Firefighters (IAFF)	Ebola Website; Training and PPE selection; Preparedness checklists; case studies, Infectious disease 8 hour curriculum updated	Oct 2014 - Present	Washington, DC and Internet	
Nova Southeastern University	Training of Medical Faculty	Oct-Nov 2014	FL	100
Midwest Consortium (MWC)	PPE Training, Technical assistance	Oct 2014 - Present	MN, TN, MI, IL	51
Service Employees International Union (SEIU)	Ebola Training for training staff; training airport staff on infection control; training SEIU nurse leaders, staff, and healthcare workers	Oct 2014-Present	CT, CA, NYC, WA, Washington, DC, PA	5835
Center for Construction Research and Training (CPWR)	Awareness session for Master Instructors on donning and doffing, decon for Ebola and hazardous waste	Oct 2014	MD	40
OAI, Inc.	Hazmat Awareness, Medical First Receiver	Oct – Nov 2014	KY	66
The New England Consortium (TNEC)	Train-the-Trainer, Direct training of public health workers	Oct – Nov 2014	NH, MA	192
Rutgers University	Train-the-Trainer PPE and awareness Ebola	Oct –Nov 2014	NJ, NY	744
Laborers International Union of North America	Direct Training on infectious disease, microremediation, PPE	Oct – Nov 2014	NJ, NY, MD	134
United Steelworkers (USW)	Develop training, Fact Sheets for Healthcare workers	Oct 2014 – Present	DC	
University of Texas - Utah	Consulted to work with local clinics on Ebola awareness	Oct 2014 - Present	TX	Unknown
International Chemical Workers Union Council (ICWUC)	Ebola and infectious agent training	Oct 2014 – Present	OH, CA	Unknown

# WTP Initiates Interagency Working Group Briefing on Ebola Response Training October 27, 2014

## Interagency Working Group Briefing on Ebola Response Training

Summary of Discussion

October 27, 2014 HHS Humphrey Building; Room 305A

### Attendance:

Brian Altman: NCDMPH	Denise Matthews: OSHA
Anthony Barone: HHS/ASPR	Aubrey Miller: NIH/NIEHS
Cynthia Bauer: CDC	Michael Pannell: OSHA
Christopher Brown: OSHA	Christine Petitti: OSHA
Sharon Beard: NIH/NIEHS	Mario Ramirez: OS/IOS
Marjory Cannon: CMS/CCSQ	Jim Remington: NIH/NIEHS
Tim Davis: HHS/ASPR	Chesley Richards: CDC
Betsy Eagin: NIEHS Clearinghouse	Kandra Strauss-Riggs: NCDMPH
Renee Funk: CDC NIOSH	Abbigail Tumpey: CDC/OID
Jesse Geibe: CDC/OPHPR/OD	Lauren Walsh: NCDMPH
Karen Hoffman: Div Infec Diseases, UNC	Deborah Weinstock: NIEHS Clearinghouse
Chip Hughes: NIH/NIEHS	Jody Wireman: NORAD-USNC
John Koerner: HHS/ASPR	Marcienne Wright: HHS/ASPR
Glen Lamson, OSHA	Neal Woolen: USARMY MEDCOM USAMRIID
Nicole Lurie: HHS/ASPR	Kevin Yeskey: NIEHS Clearinghouse
David Marcozzi: DHHS/CMS/OA/CCSQ	Ellen Vitori: ICE
Gregg Margolis: HHS/ASPR	Wayne Yoder: US Fire Administration

### Welcome

“Thank you for being here. This meeting is the culmination of a lot of learning over the past years, from Deepwater Horizon, H1N1, and the West Virginia spill to now Ebola. These all raised issues about worker safety and the need to remember the front line worker and the need to be a coordinated federal family. Previously we left parts of our federal family behind in how we approach the problem. In many of those events we have approached the task with incomplete science and we have typically confronted the task without the end user in mind.”

When this started, and remembering what we learned in Superstorm Sandy, we have had the workers in mind and at the table from day 1. We see the training we need to do, for all of these different workers impacted by Ebola and it's imperative that we all get together and bring our different assets and different perspectives and relationships to the table.

We are thrilled to help each other; in this effort no one has to go it alone. The task in front of us is huge, and is very serious, and in addition to Ebola we have an epidemic of fear. Fear alone makes people sick.

We have a few roles, and one of those is to help people understand specifically how to keep themselves safe; this requires training, education, equipment and empowerment. This requires

### Nicole Lurie (HHS/ASPR)

# WTP Training Resource



NIH

National Institute of  
Environmental Health Sciences  
Worker Training Program

November 2014

## Ebola Awareness Orientation

Health and Safety Essentials for Workers



NIH

National Institute of  
Environmental Health Sciences  
Worker Training Program

Ebola Operations Level Training

December, 2014

## Ebola Operations Level Training

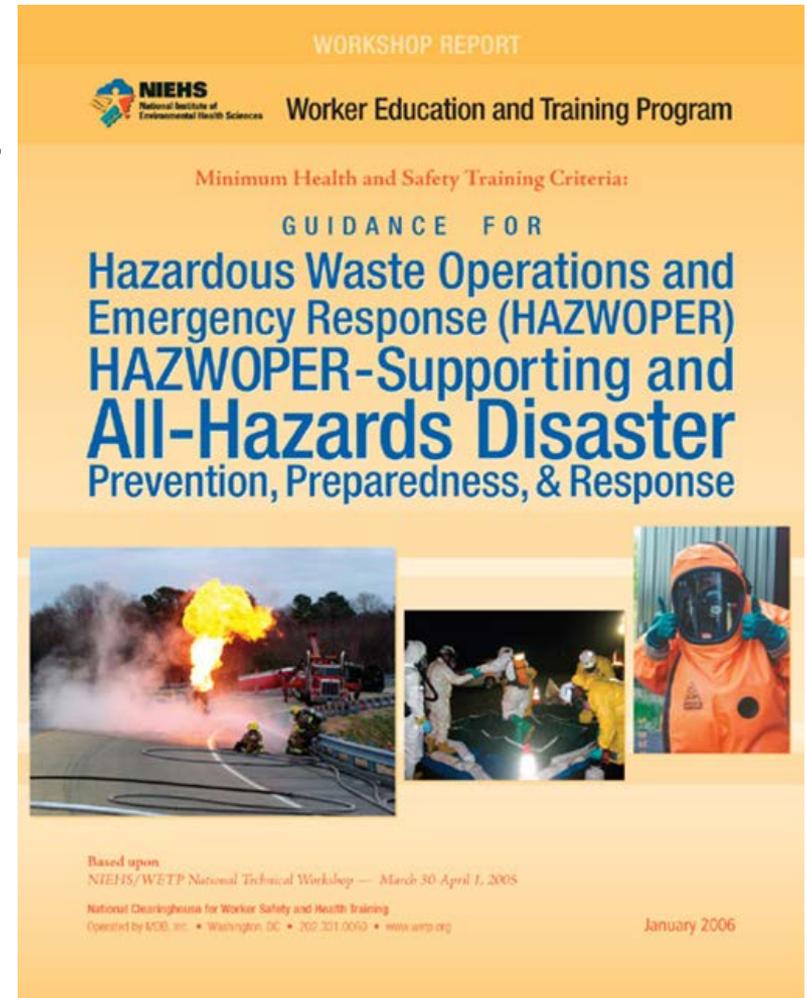


# NIEHS Minimum Health and Safety Training Criteria:

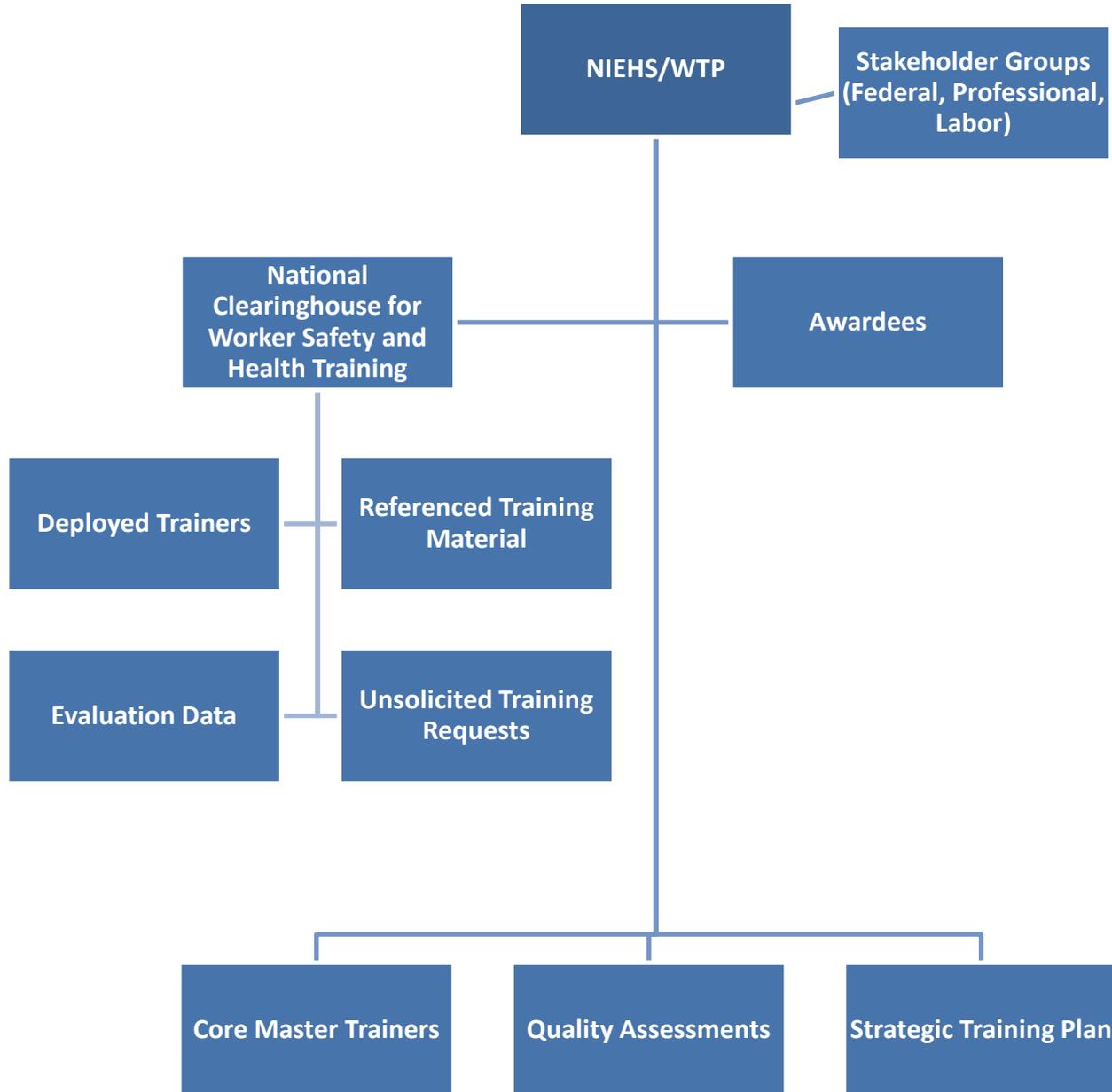
Guidance for Hazardous Waste Operations and Emergency Response, HAZWOPER- Supporting, and All-Hazards Disaster Prevention, Preparedness and Response

Guidance principles based on:

- 29 CFR 1910.120 provides the needed framework for protecting hazardous waste workers and emergency responders.
- Peer-to-peer training with hands-on activities is the most effective model for worker training.
- Proven adult-learning techniques should be the core of all worker training.
- Worker safety and health training must be preceded by a needs analysis to ensure the appropriate knowledge, skills and attitudes are being transmitted.
- The training must be followed by a proper evaluation to document the knowledge, skills or attitudes were acceptably transmitted and that the worker possesses the necessary abilities to perform the tasks.

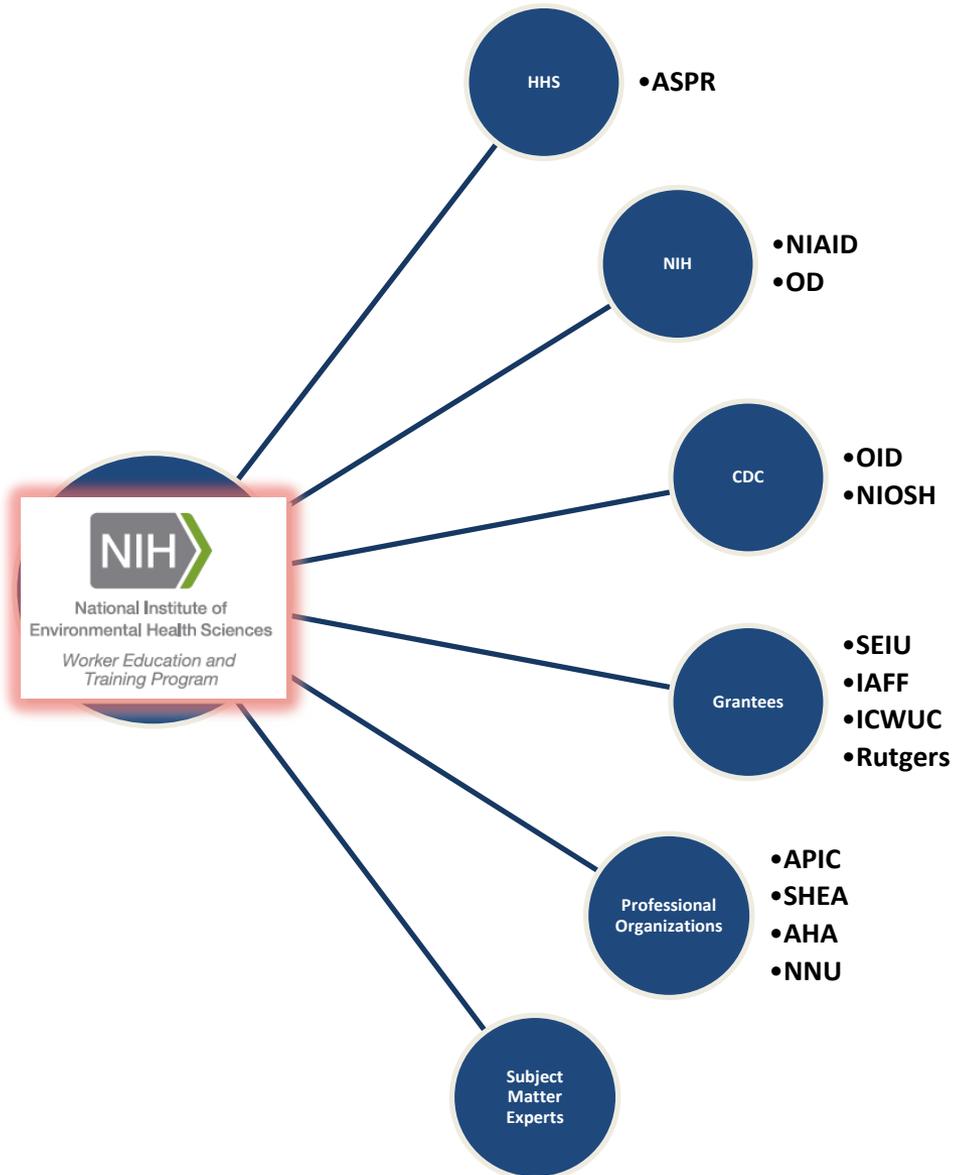


# Administrative Plan

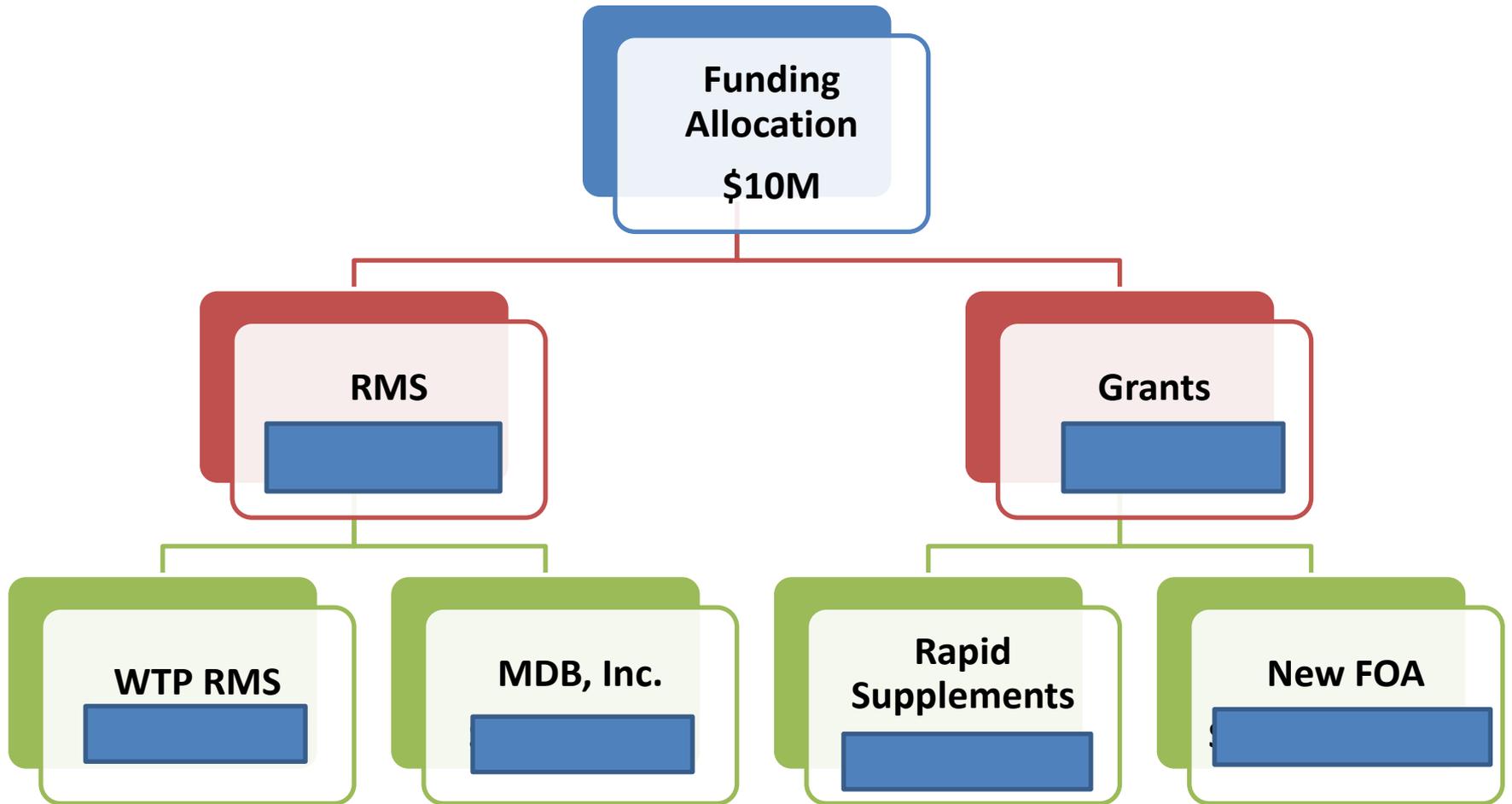


# EXTERNAL STAKEHOLDER FEEDBACK

(This depicts a sample not complete)



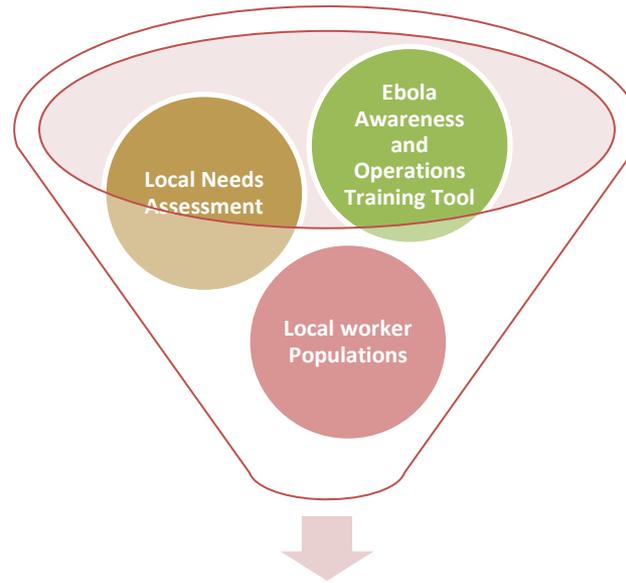
# Ebola BioSafety Funding Spending Plan



# WTP Ebola BioSafety Training

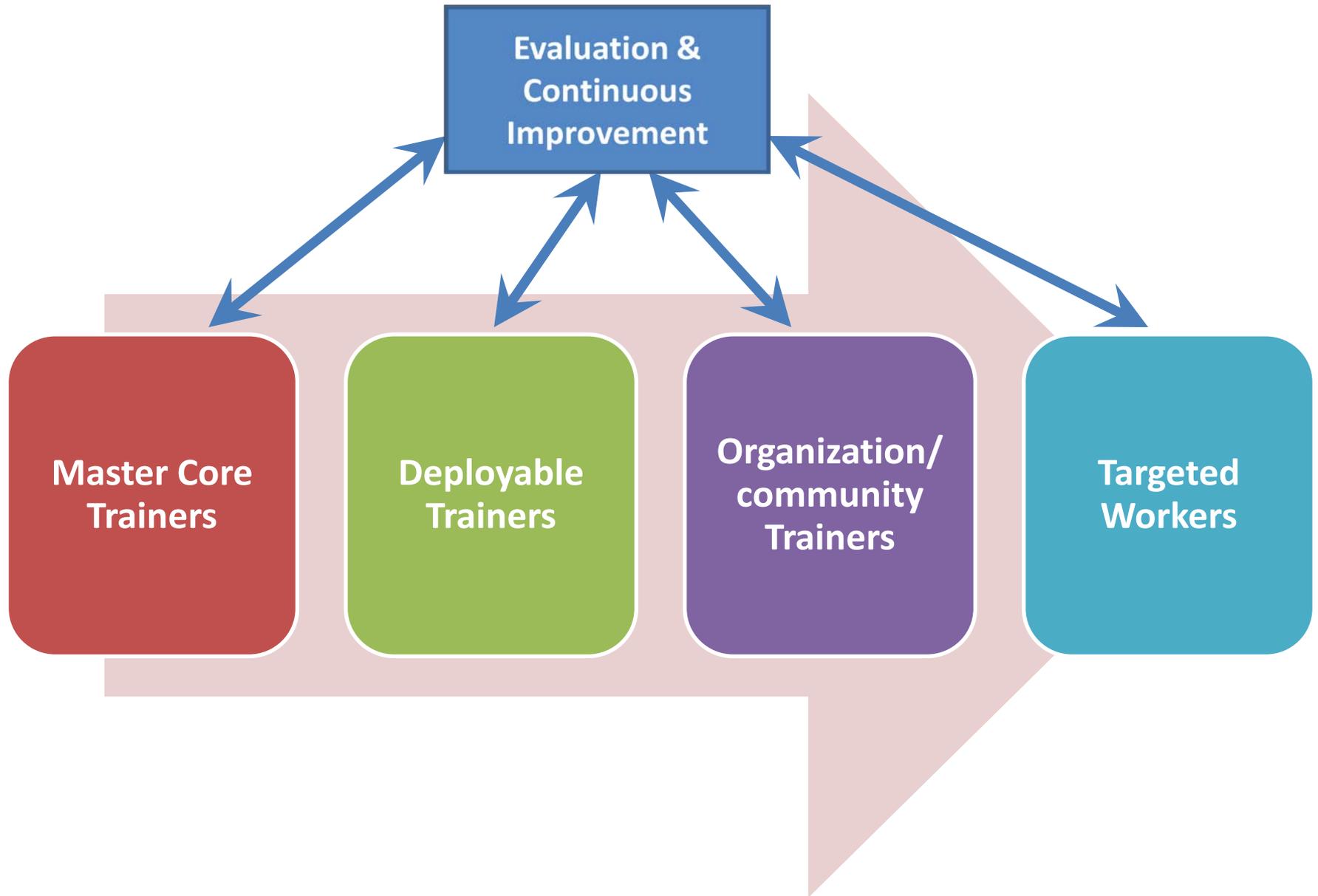
**Standardized Core Competencies,  
Proficiency Testing, and Evaluation  
methods**

**Centrally updated and dissemination  
with Local customization**



**Tailored Course Locally Based,  
Locally Provided, Culturally and  
Organizationally Sensitive**

# Quality Control and Standardization



# Experiences from the Field



Erika Moody



Tom Numziata



Paul Coffee



Mitch Rosen



John Morawetz