NIEHS WTP FY 2019 Operational Matrix

Red=HWWT; Green=ECWT; Blue=HDPT; Purple=Infectious Disease/Bio; Orange=DOE; Light Blue=SBIR: Black=ODB

Activity	A-HWWTP	A-ECWT	A-HDPT	A-ID	A-DOE	A-SBIR&ODB	W-HWWTP	W-ECWT	W-HDPT	W-ID	W-DOE	W-SBIR&ODB	C-HWWTP	C-ECWT	C-HDPT	C-ID	C-DOE	C-SBIR&ODB
			Awardees						WTP						Clearinghouse			
Goal 1: Improved Safety Culture in the Workplace																		
1a. Increased worker empowerment																		
Focus on integrating infectious disease / biosafety training into other programs (AE)	•	X	•	X	•		•	X	•	X	•	•		•		•		
Develop a DOE SCIP support strategy and white paper with recommendations for engagement (A for 2020)					•						•						X	
1b. Trained workers who can identify workplace hazards																		
Provide training on Process Safety Management (PSM) (California) (AE)	X						•						•					
Develop and incorporate training modules for opioids and other emerging threats (AE)	X	X	X	X	X		•	X	•	X	X	X			•			
Monitor and encourage use of appropriate controls for emerging threats, e.g. Hanford tank farms (AE)	X		X		X		•		X		X		•		•		•	
1c. Trained workers who understand how to take action																		
Continue providing and sharing training on California Aerosol Transmissible Diseases Standard (AE)	X			X			•			•			•			•		
Create an initiative focused on psychological safety and mental health (AE)	•	•	•	•	•		•	•	•	•	•		X	X	X	X	X	
1d. Safer company practices and policies																		
Provide safety culture training specific to DOE (AE)					X						•						•	
Focus on meaningful worker involvement in all WS&H programs (VPP, 851, I2P2, etc.) (AE)	X	X	X	X	X		•	•	•	•	•	•	•	•	•	•	•	•
Goal 2: Reduced Morbidity and Mortality																		
2a. Improved policies and regulations/ Improved enforcement of health and safety practice/policy/regulation																		
Work on Federal Lead Strategy, Objective 1.5 Training (D)	X	X					X	X					•					
2b. Updated policy and regulation																		
Communicate how workplace injuries and illnesses lead to opioid use/misuse; partner with NIOSH, MA Dept of Health, and others (AE)	•	•	•	•	•		X	X	X	X	X		•	•	•	•	•	
Monitor and engage in the revisions to RadCon training (AE)					X						•						•	
Continue strengthening partnerships with DOE, contractors, EFCOG (AE), and Energy Communities Alliance (A)					X						X						•	
Engage with EPA, i.e., Brownfields, workforce development (AE)		X						X										
Monitor regulatory activity and engage with agencies as appropriate (A)	X	X	X	X	X		X	X	X	X	X		•	•	•	•	•	
Goal 3: Reduced Occupational Health Disparities/Increased Protection and Remediation of Communities																		
3a. Increased job opportunities/increased links between workers, workplace, and communities																		
Develop a white paper on WS&H programs (including VPP) and worker involvement (A)							•		•				X		X			
Continue focus on at-risk populations/workforce development, specifically re: disaster response (AE)	•	X	X	•			•	X	X	•								
Perform outreach to and collaboration with local/state gov't, tribal communities and contractors (AE)	X	X	X	X	X		•	•	•	•	•		•	•	•	•	•	
Implement Work & Health Equity curricula with workers (AE)	X	X					•											
Increase preparedness for broader populations into disaster response, e.g., ESAP (AE)		X						•						•				
3b. Increased grantee knowledge base																		
Share safety culture training from DOE (IAFF and CPWR) with other grantees (AE)	•	•	•	•	•								•	•	•	•	•	
Share WRUC's training on Process Safety Management (PSM) with other grantees (D)	X	X	X	X	X													
Share best practices and model training (methods, partnerships, evaluation, etc.). via conferences, articles, webinars (AE)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
3c. Improved capacities to effectively train, evaluate, communicate, collaborate, build/sustain partnerships, and accomplish WTP goals																		
Maintain OSHA/NIOSH disaster relationships, e.g., ERHMS (AE)			•						X						X			
Continually document and refresh ESAP section of DMS (AE)			X	X					X	X						•	•	
Encourage succession planning and integrate new PIs and staff into the program (AE)	X	X	X	X	X		X	X	X	X	X	X	•	•	•	•	•	
Create summaries of final progress reports by areas of interest (AE)							X	X	X	X	X		X	X	X	X	X	
Develop strategies to ensure data integrity by comparing DMS and progress reports (AE)	X	X	X	X	X		•	•	•	•	•		•	•	•	•	•	
Facilitate DOE reciprocity among DOE awardees (AE)					•						X						•	
Quantify at-risk populations in non-ECWT programs; Define at-risk; do focused queries; revise progress report guidance (D)	•	•	•	•	•		X	X	X	X	X		X	•	X	X	X	
Increase capacity for multi-lingual trainers and curricula (AE)	X	X	X	X	X		•	•	•	•	•		•	•	•	•	•	
Continue writing success stories (AE)	•	•	•	•	•	•	X	X	X	X	X	X	•	•	•	•	•	•
Continue efforts to integrate into HHS response plan(s) and framework(s) (AE)			•						X									
Participate in NRT subcommittees and continue integration efforts (AE)			•						X			•						•
Goal 4: A Sustainable Program Based in Science and That Incorporates Current Technologies and Promotes Innovation in all Aspects of its Mission																		
4a. Appropriate levels of funding																		
Work to finalize DOE economic impact assessment (A)					•						•						X	
Monitor progress reports and evaluations to ensure continuous improvements (D)							X	X	X	X								
Publish ECWTP economic benefits findings (AE) & integrate theme of economic value in materials (AE)		•						•						X				
Plan and implement an HWWT program evaluation addressing program mandate and mission (A for 2020)	•						X						•					
Create data visualizations for use in briefings, reports and on web pages (AE)	•	•	•	•	•		X	X	X	X	X		X	X	X	X	X	
4b. Use of current technologies in training																		
Use training technology guidance from Minimum Criteria in trainings	X	X	X	X	X	X												
4c. Promotion of innovation through research and grants																		
Continue encouraging interactions and partnerships between traditional & SBIR grantees and between WTP and other NIEHS programs/grantees (AE)	•	•	•	•	•	X	X	X	X	X	X	X	•	•	•	•	•	•
Work with PAB to evaluate SBIR grants (A)												X						
Create a thought piece on innovation as it pertains to WTP, keeping in mind NIH requirements (A)							X	X	X	X	X	X						
Conduct a webinar for all applicants after FOA comes out (D)							X	X	X	X	X	X						
Market SBIR program to encourage more applications (AE)												X						
4d. Science-based activities																		
Encourage grantees to seek opportunities for publication in peer-reviewed journals and grey literature (AE)	•	•	•	•	•		X	X	X	X	X	X	•	•	•	•	•	
Document results of / lessons learned from infectious disease work, starting with Community of Practice webinar (A)			X						X							•		
Incorporate Pathogen Safety Data into trainings (A)	X	X	X		X		•	•	•									
Participate in planning and execution of the 2020 DR2 workshop (D)			X						X			X				•		•

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x - Lead Organization; *- Organizational awareness/involvement   A= Aspirational, D= Developmental, AE= Active Engagement

ODB-Office of the Director-Bethesda; NRT - National Response Team; HHS - Health and Human Services

updated 5/3/19

Goal 1: Improved Safety Culture in the Workplace
1a. Increased Worker Empowerment
Objective 1: Identify areas where training can empower workers to promote workplace safety
Objective 2: Educate supervisors of the advantages of empowered workers as they relate to health and safety
1b. Trained Workers Who Can Identify Workplace Hazards
Objective 1: Identify hazard identification competencies for workers
Objective 2: Incorporate hazard identification competencies into all WTP training
Objective 3: Assess hazard identification competencies after training
Objective 4: Work with stakeholders to incorporate hazard identification competencies into their worker training
1c.Trained workers who understand how to take action
Objective 1: Identify mechanisms by which workers may take action to protect themselves from workplace hazards
Objective 2: Include these mechanisms in all WTP training
Objective 3: Assess worker competency in understanding these mechanisms
Objective 4: Collaborate with stakeholders to incorporate these competencies in their training
1d. Safer company practices and policies
Objective 1: Identify company workplace health and safety practices/policies that require revision
Objective 2: Collaborate with stakeholders to develop revisions for improvement
Objective 3: With stakeholders, work with company leadership to revise company health and safety practices/policies
Goal 2: Reduced Morbidity and Mortality
2a. Improved Policies and Regulations/Improved enforcement of health and safety practice/policy/regulation
Objective 1: Identify policies and regulations that require improvement
Objective 2: Collaborate with stakeholders to develop revisions that incorporate recommended improvements
Objective 3: Meet with policy makers/regulators to promote change in policies/regulations
Objective 4: Identify enforcement strategies to be used to improve compliance with practice/policy regulation
Objective 5: Work with stakeholders to incorporate enforcement strategies into company practice
Objective 6: Integrate enforcement strategies into worker empowerment training
Objective 7: Assess effectiveness of enforcement practices at the company level
2c. Updated policy and regulation
Objective 1: Monitor policies/regulations for need of revision
Goal 3: Reduced Occupational Health Disparities/Increased Protection and Remediation of Communities
3a. Increased job opportunities/Increased links between workers, workplace, and communities
Objective 1: Working with community stakeholders, identify job opportunities for hazardous materials workers (Grantees)
Objective 2: Continue funding environmental health/hazardous materials training programs
3b. Increased grantee knowledge base (and supporting and developing trainers)
Objective 1: Identify mechanisms for cross training of grantees
Objective 2: Support grantees by funding cross training experiences
3c. Improved capacities to effectively train, evaluate, communicate, collaborate, build/sustain partnerships, and accomplish WTP goals
Objective 1: Assess strategic stakeholders, opportunities for collaboration in support of WTP programs
Objective 2: Support and provide mechanisms, including websites, to communicate with stakeholders
Objective 3: Develop and implement mechanisms to evaluate WTP program activities
Objective 4: Promote innovative and technologic methodologies to deliver training
Goal 4: A Sustainable Program Based in Science and that Incorporates Current Technologies and Promotes Innovation in all Aspects of its Mission
4a. Appropriate levels of funding
Objective 1: Maintain the base budget to at least current levels
Objective 2: Develop partnerships with other federal organizations to fund joint projects
Objective 3: Work with HHS leadership to compete for supplemental appropriations when available
4b. Use of current technologies in training
Objective 1: Assess and apply current technologies to WTP training programs
Objective 2: Promote training technology development and application in SBIR program
Objective 3: Evaluate benefits of technology in training
4c. Promotion of innovation through research and grants
Objective 1: Identify opportunities to incorporate innovation in WTP training
Objective 2: Use grants and other funding methods to advance innovation in WTP programs
Objective 3: Assess use of innovation in enhancing WTP programs
4d. Science-based activities
Objective 1: Support science-based research activities
Objective 2: Incorporate science-based practices into all WTP programs and training
Objective 3: Collaborate with stakeholders in conducting research related to worker health and safety