U.S. Department of Health and Human Services
Centers for Disease Control and Prevention

Print Date: 4/19/22

Title: Field Testing of an Instrument to Assess the Uptake and Reach of NIOSH Exposure Assessment Research

Project Id: 0900f3eb81e89974

Accession #: NIOSH-EAT-2/9/22-89974

Project Contact: Matthew M Dahm

Organization: NIOSH/DFSE/FRB/EAT

Status: **Project In Progress**

Intended Use: **Project Determination**

Estimated Start Date: 01/01/2020

Estimated Completion Date: 07/31/2023

CDC/ATSDR HRPO/IRB Protocol #:

OMB Control #: 0920-1154

Determinations

Determination	Justification	Completed	Entered By & Role
HSC: **Does NOT Require HRPO Review**	Not Research / Other *45 CFR 46.102(l)* Program Evaluation	2/14/22	Luckhaupt_Sara E. (pks8) Division HSC
PRA:			

PRA Applies		2/14/22	Sawyer Deloney_Tamela (tqs7) OMB / PRA
ICRO: **PRA Applies**	OMB Approval date: 1/21/20 OMB Expiration date: 1/31/23	2/14/22	Zirger_Jeffrey (wtj5) ICRO Reviewer

Description & Funding

Description

Priority: Standard

Date Needed: 02/25/2022

Determination Start Date: 02/09/22

Description:

The NIOSH Exposure Assessment (EXA) Specialty Program is strongly committed to finding better methods to assess which communication channels are most likely to be effective in reaching the program#s target audience to better inform them of our research findings to ultimately reduce workplace exposures and improve health outcomes. The NIOSH EXA program has recently completed a program review, in which an independent peer review panel examined the research activities over a 10-year period and then scored the program on its relevance and impact. Several of the recommendations provided to the EXA Specialty Program were focused on finding more systematic ways to understand how, and to what extent, NIOSH exposure assessment research is being communicated and effectively used by key stakeholders, leading to an improvement of overall occupational safety and health within the US workforce. These stakeholders can include company managers, employees, or occupational safety and health professionals from both large and small businesses, public or private, that use NIOSH research or adopt NIOSH recommendations to reduce workplace exposures. Therefore, NIOSH#s EXA Specialty Program has been tasked with developing and field testing a survey instrument that can be used to better understand how to communicate key research study findings and document the impact of its exposure assessment studies more effectively.

IMS/CIO/Epi-Aid/Lab-Aid/Chemical Exposure Submission: No

IMS Activation Name: Not selected

Primary Priority of the Project: Not selected

Secondary Priority(s) of the Project: Not selected

Task Force Associated with the Response: Not selected

CIO Emergency Response Name: Not selected

Epi-Aid Name: Not selected

Lab-Aid Name: Not selected

Assessment of Chemical Exposure Name: Not selected

The goal of this is to conduct the field testing of an instrument that was developed through a previous Information Collection (OMB Control # 0920-1154). Field testing of this newly developed instrument is being requested to occur on two NIOSH exposure

Goals/Purpose	assessment studies that will allow for the refinement and optimization of study enrollment, materials, instructions, and participant experience to reduce the burden of future data collections. The instrument will allow NIOSH to further understand the interests and communication needs of industries and associations being served by NIOSH exposure assessment research studies. The resulting data generated from the online survey instrument will be used to benefit the federal government by better understanding how stakeholders (occupational safety and health [OSH] professionals, managers, and workers) are using NIOSH exposure assessment study findings to reduce workplace exposures. Therefore, this information is critically important to understand how/if stakeholders are receiving and using key study findings and will aid in planning future study communications to better deliver information so it can be utilized to reduce workplace exposures.
Objective:	The objective of this project is to conduct the field test of a newly developed survey instrument on a limited scale to understand if the data collected from stakeholders (OSH professionals, managers, and workers) produces the desired information that determines if NIOSH study findings and recommendations are effectively being communicated to stakeholders in order to reduce workplace exposures. The instrument will also identify where the stakeholders usually receive their occupational safety and health information which can be used to develop better study communication plans and more effectively disseminate key findings. Field testing of the instrument is an important step before using the instrument more broadly to 1) determine the best methods for distributing the survey, 2) optimize response and completion rates for stakeholders from different industries and with different positions within the company, and 3) test the reliability and validity of the data collected.
Does this project include interventions, services, or policy change work aimed at improving the health of groups who have been excluded or marginalized and /or decreasing disparities?:	No
Project does not incorporate elements of health equity science:	Yes
Measuring Disparities:	Not Selected
Studying Social Determinants of Health (SDOH):	Not Selected
Assessing Impact:	Not Selected
Methods to Improve Health Equity Research and Practice:	Not Selected
Other:	Not Selected
Activities or Tasks:	New Collection of Information, Data, or Biospecimens
Target Populations to be Included/Represented:	Businesses ; Other - Workers; Occupational Safety and Health Professionals
Tags/Keywords:	Surveys and Questionnaires
CDC's Role:	Activity originated and designed by CDC staff, or conducted at the specific request of CDC, or CDC staff will approve study design and data collection as a condition of any funding provided ; CDC employees or agents will obtain or use anonymous or unlinked data or biological specimens
Method Categories:	Method/Device Evaluation
	The respondent universe will be Managers, Workers, and Occupational Safety and Health (OSH) Professionals from two identified studies which will include the respondent populations of firefighters and their first-line supervisors as well as workers, managers and OSH professionals in manufacturing industries that use the chemical Bisphenol A. The respondent universe will consist of those

Methods:	individuals who have previously participated in NIOSH research as well as those who may have not had direct interactions with NIOSH and may or may not be familiar with the study findings but work in an industry that may have been indirectly impacted by the NIOSH study specific research findings. This information collection is not intended to attain statistical significance or generalizable results. Convenience sampling methods will be used until a reasonable response rate is achieved or the total number of designated respondents have been reached. However, we will seek to recruit participants who have characteristics similar to our key stakeholders. Recruiting will happen in this way: Managers, Occupational Safety and Health Professionals, and Workers from the profession of firefighting and # Up to 300 respondents (200 firefighters and 100 first-line supervisors of firefighters) and 250 respondents (75 chemical technicians [workers], 75 industrial production managers, and 100 OSH professionals) will be recruited from one of two sources: 1) contact lists provided by the NIOSH researchers, and 2) general requests for respondents that will be made through trade associations, professional organizations, and unions through their typical communication channels with their members such as newsletters, listservs, etc. The NIOSH contact lists will contain email contact information of potential respondents and will be provided to the University of Cincinnati Evaluation Services Center (UCESC) who will then email potential respondents an invitation to participate (Attachment 3). The trade associations will send a general request through member list-servs that will contain a survey link if they are interested in participating. All participants will be informed that participation is completely voluntary. Follow up emails will be sent to non-respondents after three and seven days to ensure completion of the questionnaire.
Collection of Info, Data or Biospecimen:	Respondents will receive an online survey link using Qualtrics software system either through a direct email or through a request from an organization with a link to the online survey instrument (Attachment 3). The online survey will be self-administered. The invitation to complete the survey will provide details about the purpose of the survey, who is collecting the data, and a contact person for more information. To ensure informed consent, once they click on the link, respondents will first see an introductory paragraph explaining the purpose of the survey, who is conducting the survey, how their responses will be shared, and a contract person for more information. They then will be asked to complete a set of multiple choice and open-ended questions. The survey is designed to be compatible with mobile and desktop devices and will incorporate Qualtrics# accessibility features. The information collected by UCESC via the online survey instrument will be provided to NIOSH with no personal identifiers when indexing or quoting, including name, company, contact information or any other specific information that could potentially identify a respondent, such a gender or race.
Expected Use of Findings/Results and their impact:	The purpose for developing and field testing this instrument is to better understand how stakeholders (occupational safety and health [OSH] professionals, managers, and workers) are using NIOSH exposure assessment study findings to reduce workplace exposures. Therefore, this information is critically important to understand how/if stakeholders are receiving and using key study findings. Understanding how, and to what extent, NIOSH exposure assessment research is being disseminated will aid in planning future study communications to better deliver information to stakeholders so it can be utilized to reduce workplace exposures.
Could Individuals potentially be identified based on Information Collected?	No

Funding

Funding Type	Funding Title	Funding #	Original Budget Yr	# Years Award	Budget Amount
CDC Funding Intramural	NIOSH OD Funding				

HSC Review

HSC Attributes

Program Evaluation	Yes

Additional Ethical Considerations

This project involves surveying users of NIOSH exposure assessment study results to help improve the program. It is not meant to result in generalizable knowledge.

Regulation and Policy

Do you anticipate this project will be submitted to the IRB office	No	
Estimated number of study participants		
Population - Children	N/A	Protocol Page #:
Population - Minors	N/A	Protocol Page #:
Population - Prisoners	N/A	Protocol Page #:
Population - Pregnant Women	N/A	Protocol Page #:
Population - Emancipated Minors	N/A	Protocol Page #:
Suggested level of risk to subjects		
Do you anticipate this project will be exempt research or non-exempt research		

Requested consent process waviers

Informed consent for adults	No Selection
Children capable of providing assent	No Selection
Parental permission	No Selection
Alteration of authorization under HIPPA Privacy Rule	No Selection

Requested Waivers of Documentation of Informed Consent

Informed consent for adults	No Selection
Children capable of providing assent	No Selection
Parental permission	No Selection

Consent process shown in an understandable language

Reading level has been estimated	No Selection
Comprehension tool is provided	No Selection
Short form is provided	No Selection
Translation planned or performed	No Selection
Certified translation / translator	No Selection
Translation and back-translation to/from target language(s)	No Selection
Other method	No Selection

Clinical Trial

Involves human participants	No Selection
Assigned to an intervention	No Selection
Evaluate the effect of the intervention	No Selection
Evaluation of a health related biomedical or behavioral outcome	No Selection
Registerable clinical trial	No Selection

Other Considerations

Exception is requested to PHS informing those bested about HIV serostatus	No Selection
Human genetic testing is planned now or in the future	No Selection
Involves long-term storage of identfiable biological specimens	No Selection
Involves a drug, biologic, or device	No Selection
Conducted under an Investigational New Drug exemption or Investigational Device Exemption	No Selection

Institutions & Staff

Institutions

Name	FWA #	FWA Exp Date	IRB Title	IRB Exp Date	Funding #
University of Cincinnati	FWA00003152	03/04/25			

Staff

Staff Member	SIQT Exp. Date	CITI Biomedical Exp. Date	CITI Social & Behavioral Exp. Date	CITI Good Clinical Practice Exp. Date	Staff Role	Email	Phone	Organization
Bradley King	12/08/2024		12/12/2024		Co-Investigator		303-236-5933	WESTERN STATES DIVISION
Lauralynn Taylor Mckernan	09/01/2023		04/23/2022		Project Officer		513-533-8542	DIVISION OF FIELD STUDIES AND ENGINEERING
Matthew Dahm	09/21/2024	10/08/2024			Co-Investigator		513-458-7136	EXPOSURE ASSESSMENT TEAM
Ronnee Andrews	11/16/2024		11/15/2021		Co-Investigator		513-841-4149	CHEMICAL AND BIOLOGICAL MONITORING BRANCH

Data

DMP

Proposed Data Collection Start Date: 11/30/22

Proposed Data Collection End Date: 6/30/23

Proposed Public Access Level: Non-Public

Non-Public Details:

Reason For Not Releasing Data: Other - This is an evaluation project aimed at improving communication to stakeholders. Collected data would have no value to others outside of CDC/NIOSH.

Public Access Justification: N/A non-public

How Access Will Be Provided for Data: N/A non-public, no PII collected.

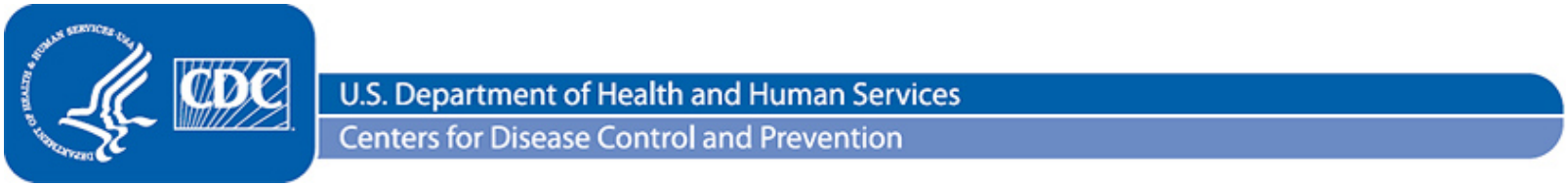
Plans for Archival and Long Term Preservation:

Spatiality

Spatiality (Geographic Locations) yet to be added .....

Dataset

Dataset Title	Dataset Description	Data Publisher /Owner	Public Access Level	Public Access Justification	External Access URL	Download URL	Type of Data Released	Collection Start Date	Collection End Date
Dataset yet to be added...									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