



CDC-RFA-OE20 -2001: Enhancing Public Health Laboratory Capabilities and Increasing Capacity

New Focus Area Project Plan Template

SECTION 1: GENERAL INFORMATION

1.	Name of Applicant: Association of Public Health Laboratories (APHL)	2.	Focus Area: Informatics
3.	Funding Amount: <i>(Whole Numbers Only)</i> \$250000	4.	Funding Source (e.g., BA, COVID, PPHF, OPIOID): COVID
5.	Name of Project: Supporting evaluation of eCR in partnership with public health agencies		
6.	Name of Technical Monitor(s): Laura Conn, Kim Knicely	7.	Technical Monitor(s) Email Address: Lbk1@cdc.gov
		8.	Technical Monitor(s) Phone Number: 404-498-0971
9.	Name of Focus Area Coordinator (FAC): Jasmine Chaitram	10.	Email Address of FAC: Zoa6@cdc.gov
		11.	Phone Number of FAC: 404-498-1635

SECTION 2: PROJECT SUMMARY

2.1 – Project Description

Project Status: *Select whether your project/activity is an entirely new project or an extension of an existing project:*

- ☒ New CIO Project/Activity
☐ CIO Existing Project/Activity (Expansion/Change of Scope)

Project Description: *Provide a description of the project including a justification for the project's bona fide need in the space below:*

Designing and conducting evaluation studies of eCR is critical to show the value of automating the existing burdensome public health reporting process and reducing the burden on healthcare organizations to report manually. This project will support public health agencies (PHAs) to define what type of evaluation is needed, determine design approach, develop evaluation instruments, conduct analyses, and prepare evaluation reports.

Activities: *Describe activities to be carried out in this project as well as their associated deliverables:*

Engage an evaluation subject matter expert with experience conducting evaluation studies for electronic case reporting.

Activities to be carried out include:

- Support ongoing CDC and CDCF matched pairs COVID-19 eCR evaluation study with the FL Department of Health to completion
- Extend COVID-19 matched pairs study to additional PHAs as requested

- Review and update eCR evaluation plan based on learnings from COVID-19 evaluation work
- Identify additional requirements and needed tools (collection instruments, guidance documents, technology solutions) to help extend evaluation work across PHAs.
- Work with PHAs identified as next evaluation study participants.

2.2 – Project Strategy and Outcomes

Project Strategies: <i>Select one or more strategies that the project will contribute towards:</i>	☐ S1. Science, Management and Operations ☒ S2. Policy, Partnership and Communication ☐ S3. Training and Capacity Building ☒ S4. Laboratory Quality, Safety and Informatics for Public Health Testing Services, Surveillance and Response
For this Project: Select the outcomes that the project will contribute towards Please check and select responses for all applicable boxes below.	POs and IOs Proposed for this Project
PO-1. Improved collaboration and communication across public health laboratories and other stakeholders.	☐
PO-2. Improved awareness and understanding of public health laboratory capabilities and needs among public health laboratories and other stakeholders.	☐
PO-4. Improved awareness of new tools and resources for public health laboratories and other stakeholders.	☐
PO-5. Increase in needs met due to improved awareness and understanding of public health laboratory training and professional development needs and opportunities among training and workforce development stakeholders.	☐
PO-6. Improved access to and participation in training and workforce development resources and opportunities among current and potential laboratory professionals.	☐
PO-7. Enhanced knowledge, skills, and abilities among current and potential public health laboratory professionals in diverse settings.	☐
PO-8. Improved awareness of public health laboratory informatics capabilities.	☐
PO-9. Improved implementation of quality and safety systems and model practices in public health laboratories.	☐
PO-10. Improved knowledge of technical assistance needs and priorities in state and local public health laboratories.	☐
PO-11. Improved and ongoing awareness and understanding among stakeholders of emerging methods and processes in public health laboratories.	☐
PO-12. Improved dissemination of evidence-based practices to public health laboratories and other stakeholders.	☐
PO-13. Improved laboratory testing capability and surge capacity for emergency response through equipment procurement, competent staff and partnerships.	☐
NEW S1.PO-14 Implement approaches to ensure efficiency for committee/subcommittee functions	☐
NEW S1.PO-15 Maintain monitoring and evaluation processes across all focus areas	☐
NEW S1.PO-16 Maintain and ensure process and system of effective knowledge management and commitment to rigorous scientific integrity, quality, and professional standards of practice in development of APHL products	☐
NEW S4.PO-1 Better informatics solutions available for public health laboratory system-wide adoption	☒
NEW S4.PO-2 Improved, timely public health laboratory access to and awareness of needed resources	☐
NEW FLS.C.PO-1 Improved dissemination of clear, compelling, targeted, and timely messages using appropriate communication channels for relevant audiences	☐
NEW FLS.C.PO-2 Increased production of communications materials, websites or other digital platforms, or any other resources with APHL-CDC logo use (i.e., co-branding and logo licensing)	☐
NEW FLS.C.PO-3 Improved dissemination of APHL-CDC co-branded materials or resources for public health laboratories and other stakeholders	☐
NEW Ph2.ID.PO-1 Improve testing capability/capacity to conduct and report low-volume or highly-specialized testing efficiently.	☐
NEW Ph2.PHPR.PO-1 Ensure compliance and access to essential, centralized resources for laboratory testing capability and surge capacity for coordinated emergency response.	☐

NEW QSS-S4.2-PO1. Increased public health laboratory and system partner participation/commitment to L-SIP assessment/reassessment process.	☐
NEW QSS-S4.2-PO3. Improved implementation of quality and safety system model practices across participating public health laboratory system (state/local level).	☐
NEW QSS-S4.2-PO2. Increased participating public health laboratory, system partner knowledge of quality needs and model practices.	☐
IO-1. Expanded Communities of Practice and other collaborative relationships among public health laboratories and other stakeholders.	☐
IO-2. Strengthened information sharing across public health laboratory networks and other stakeholders.	☒
IO-3. Improved engagement and participation of current and potential public health laboratory workforce through application of best practices.	☐
IO-4. Enhanced practices, methods, and infrastructure within the public health laboratory system.	☐
IO-5. Improved data exchange and interoperability among public health laboratories and their partners.	☒
IO-6. Improved public health laboratory detection, surveillance, and response.	☐
IO-7. Improved quality and safety in public health laboratories.	☐
NEW S1.IO-8 Ensured effective leadership and management system for committees/subcommittees	☐
NEW S1.IO-9 An effective monitoring and evaluation system across the organization	☐
NEW S2.IO-3 (Old PO-3) Improved support for public health laboratories among policy makers	☐
NEW S3.IO-1 Leadership development participants granted increased leadership roles and/or responsibilities	☐
NEW S4.IO-1 System-wide adoption of informatics and data management solutions among public health laboratories and their partners	☒
NEW S4.IO-2 Increased use of resources/outputs created and shared via technical assistance responses	☐
NEW S4.IO-3 Improved technical capability among recipients as a result of fulfilled requests	☐
NEW FLS.C.IO-1 Improved reach of clear, compelling, targeted, and timely messages among relevant audiences	☐
NEW FLS.C.IO-2 Enhanced adoption or use of APHL-CDC co-branded materials or resources among public health laboratories and other stakeholders	☐

SECTION 3: PROPOSED BUDGET

Instructions for Use of funds: *Provide any restrictions or instructions for applicant use of funds, as applicable:*

Engage an eCR evaluation subject matter expert to support these activities and work closely with the CDC eCR evaluation team.

SECTION 4: ADDITIONAL CONSIDERATIONS

Reviewers’ feedback on additional considerations (if any):

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3/1/2021

X Laura Conn

Technical Monitor/Submitter
Signed by: PIV