

# Laboratory Standards and Procedures Workgroup

February 2023



# Laboratory Standards and Procedures Workgroup Members

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## **ACHDNC MEMBERS**

- Carla Cuthbert, PhD  
Centers for Disease Control & Prevention
- Kellie B. Kelm, PhD (Chair)  
Food and Drug Administration
- Shawn E. McCandless, MD

## **ORGANIZATION REPRESENTATIVES**

- Scott Shone, PhD, HCLD(ABB)  
Association of State & Territorial Health Officials
- Susan Tanksley, PhD (Co-chair)  
Association of Public Health Laboratories

## **WORKGROUP MEMBERS**

- Stanton Berberich, PhD
- Michele Caggana, ScD, FACMG
- George Dizikes, PhD
- Patricia Hall, PhD, FACMG
- Nathalie Lepage, PhD, FCCMG, FCACB
- Van Leung-Pineda, PhD, DABCC, FAAC
- Jelili Ojodu, MPH
- Miriam Schachter, PhD
- Bonita Taffe, PhD
- Holly Winslow

## **MCHB**

- Kim Morrison, MS

# Laboratory Standards and Procedures Workgroup Agenda

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Time	Topic	Presenter(s)
3:45 PM – 3:55 PM	<b>Roll Call and Opening Remarks</b>	<b>Kelm</b>
3:55 PM – 4:50 PM	<b>Workgroup Discussion</b> <ul style="list-style-type: none"><li><i>Next phase of workgroup activities</i></li><li><i>Review of 3 top priority solutions the Committee can consider acting on to support state implementation of conditions added to the RUSP?</i></li></ul>	<b>Kelm/Tanksley</b>
4:50 PM – 5:00 PM	<b>Discussion Summary</b>	<b>Kelm/Tanksley</b>
5:00 PM	<b>Adjourn</b>	<b>Kelm</b>

# Workgroup Discussion Topic

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Review of 3 top priority solutions the Committee can consider acting on to support state implementation of conditions added to the RUSP.

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Rank	Solution (Topic)	Topic Group (s)	Action item
1	Best practices for utilization of second tier testing	Kellie, Tricia	<p>Workgroup could draft a best practices document for states to use when considering the utilization / addition of second tier testing, including utilizing reference/regional labs.</p> <ul style="list-style-type: none"><li>- Could be applied prospectively (e.g., new conditions) and retrospectively (e.g., RUSP conditions).</li><li>- Suggest scientific/technical information that should be gathered for condition of interest</li><li>- Gather lessons learned (e.g., contracting out second tier test)</li></ul> <p>Project timeline: 1 yr.</p>

Rank	Solution (Topic)	Topic Group (s)	Action item
2	(A) Quick start guide and (B) project plan worksheet for implementation of a condition added to the RUSP	Susan, George, APHL	<p>Compile information that will help states implement conditions more rapidly. Gather fact sheets, tools &amp; information already created by other groups, assess for gaps, develop dissemination plan so programs can use for implementation.</p> <p>(A) Workgroup would assess what information could be added to expand the PHSI Fact Sheet, which is subsequently used by states to aid in implementation. This would be used by states for communication and planning. It could later be used by APHL NewSTEPS New Disorders workgroup as part of toolkit development for new conditions.</p> <ul style="list-style-type: none"> <li>- Add process to re-visit document at certain interval, make changes (e.g. screening technology) as appropriate</li> <li>- Create plan to update quick start guide when RUSP is updated</li> </ul> <p>(B) Create project plan worksheet that laboratories could use when planning for implementation of a condition.</p> <ul style="list-style-type: none"> <li>- Review whether can create/add peer lab resources to help with implementation</li> <li>- Project timeline: 1 yr.</li> </ul>

Rank	Solution (Topic)	Topic Group (s)	Action item
3	Evaluation of homocystinuria screening methods	Carla and CDC	<p>Gather latest information and research on homocystinuria screening methods to improve the false negative rate (Project timeline: 2 yrs.)</p> <ul style="list-style-type: none"><li>- CDC still working on technology, may have first tier and/or second tier test to recommend</li><li>- Should start to gather information on the issues with the newborn screening paradigm that's currently in use. May be able to obtain from the advocacy group and clinical experts.</li></ul>